

Fig. 1A

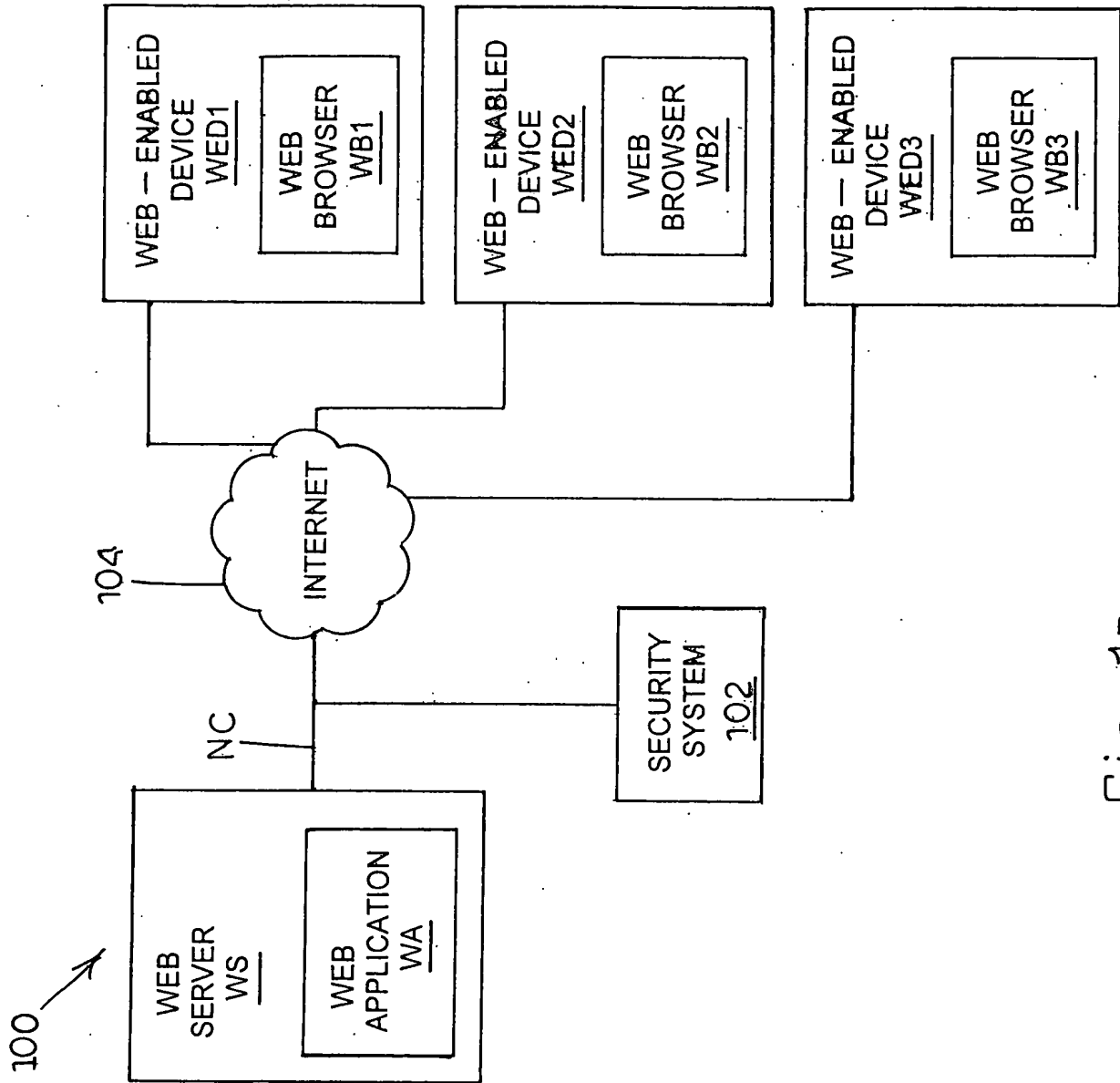


Fig. 1B

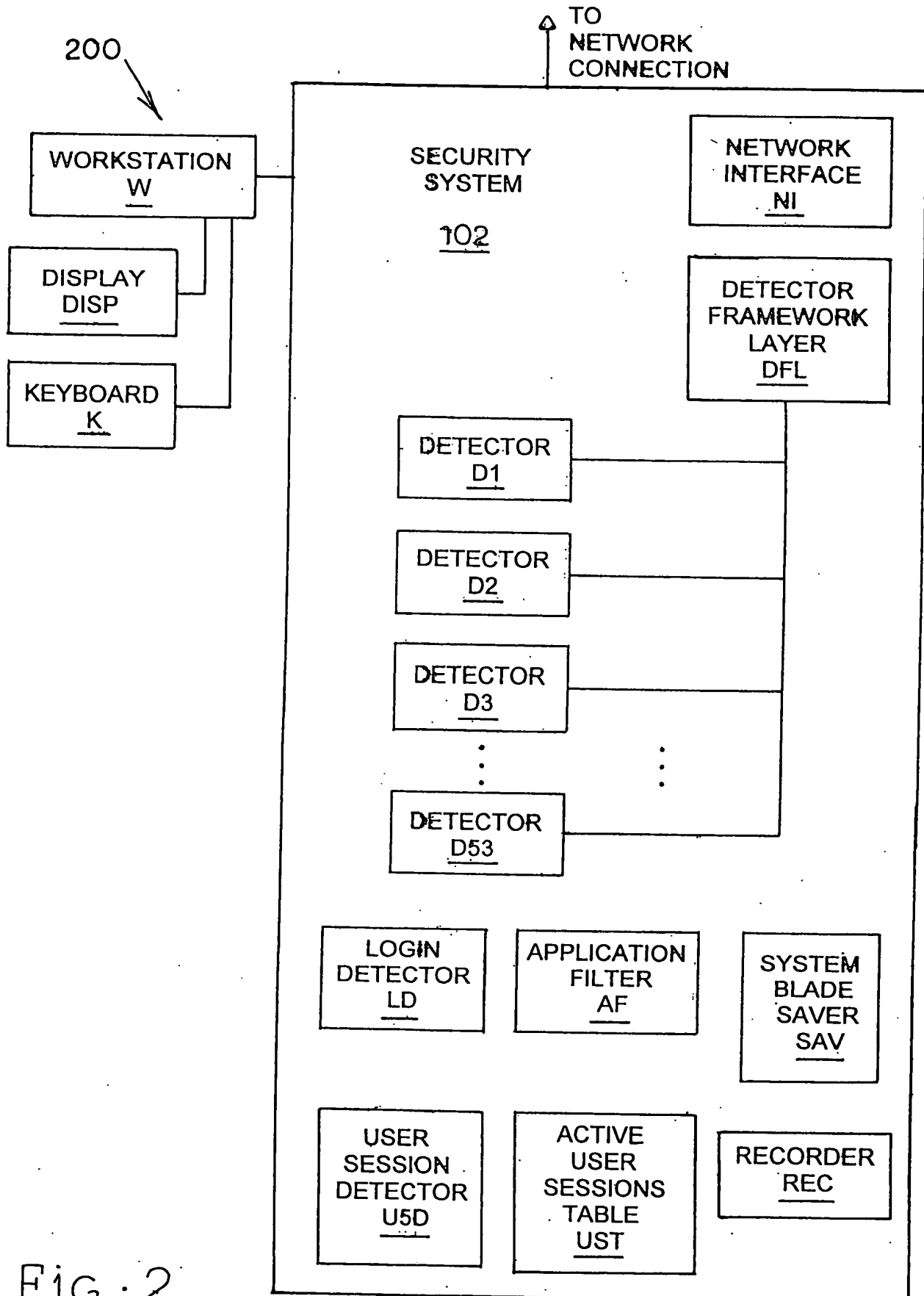
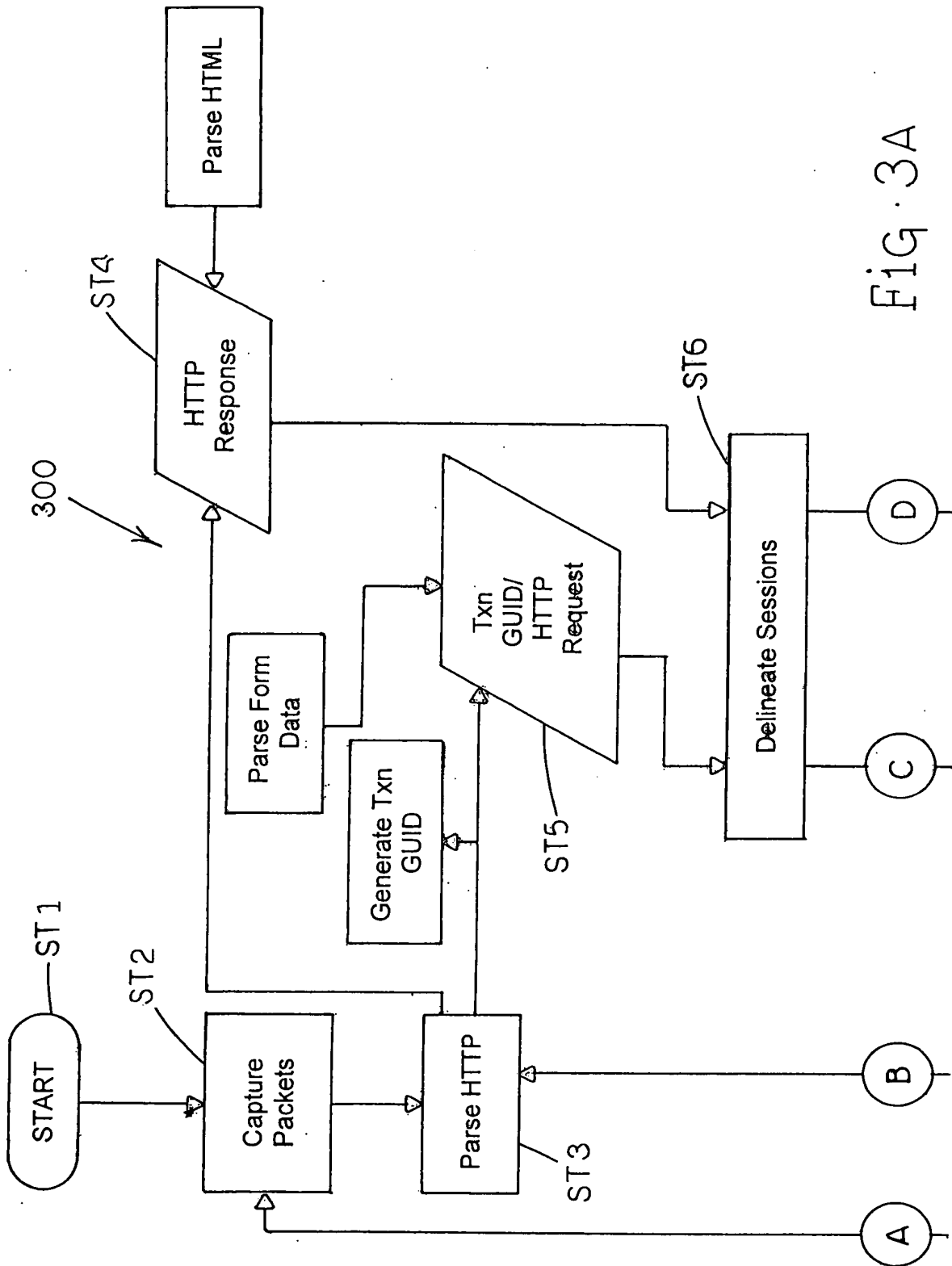


Fig. 2



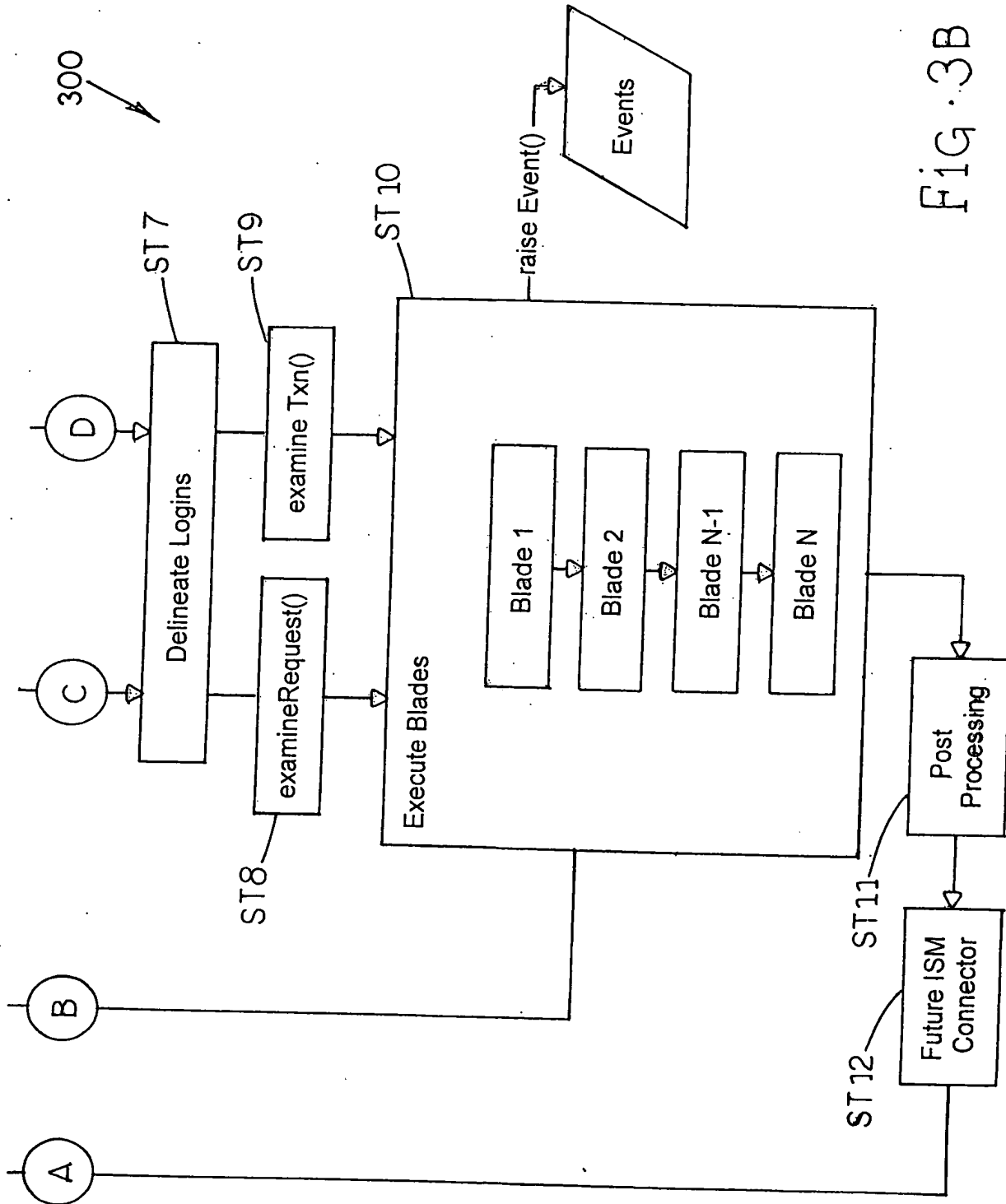


Fig. 3B

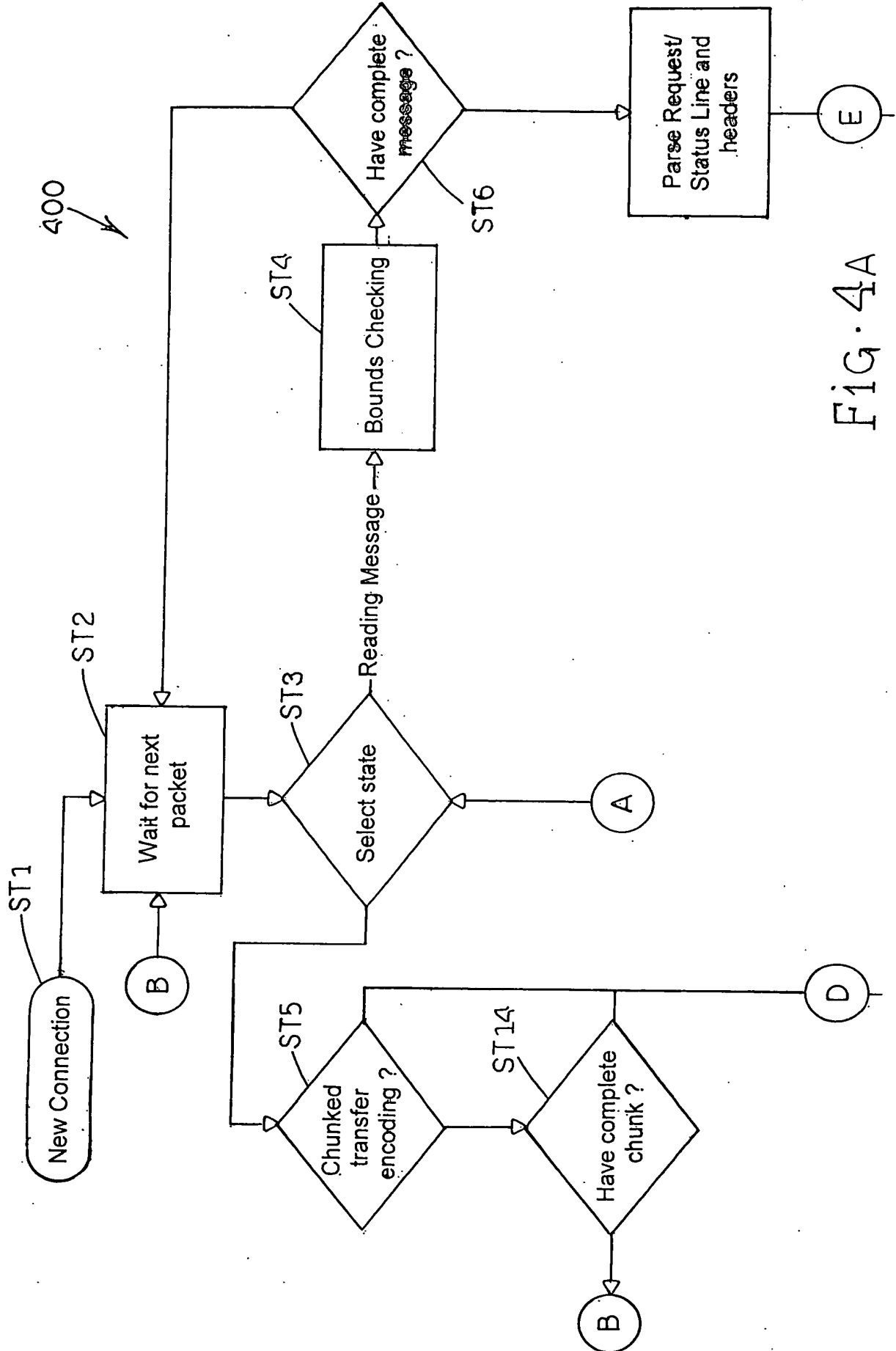


Fig. 4A

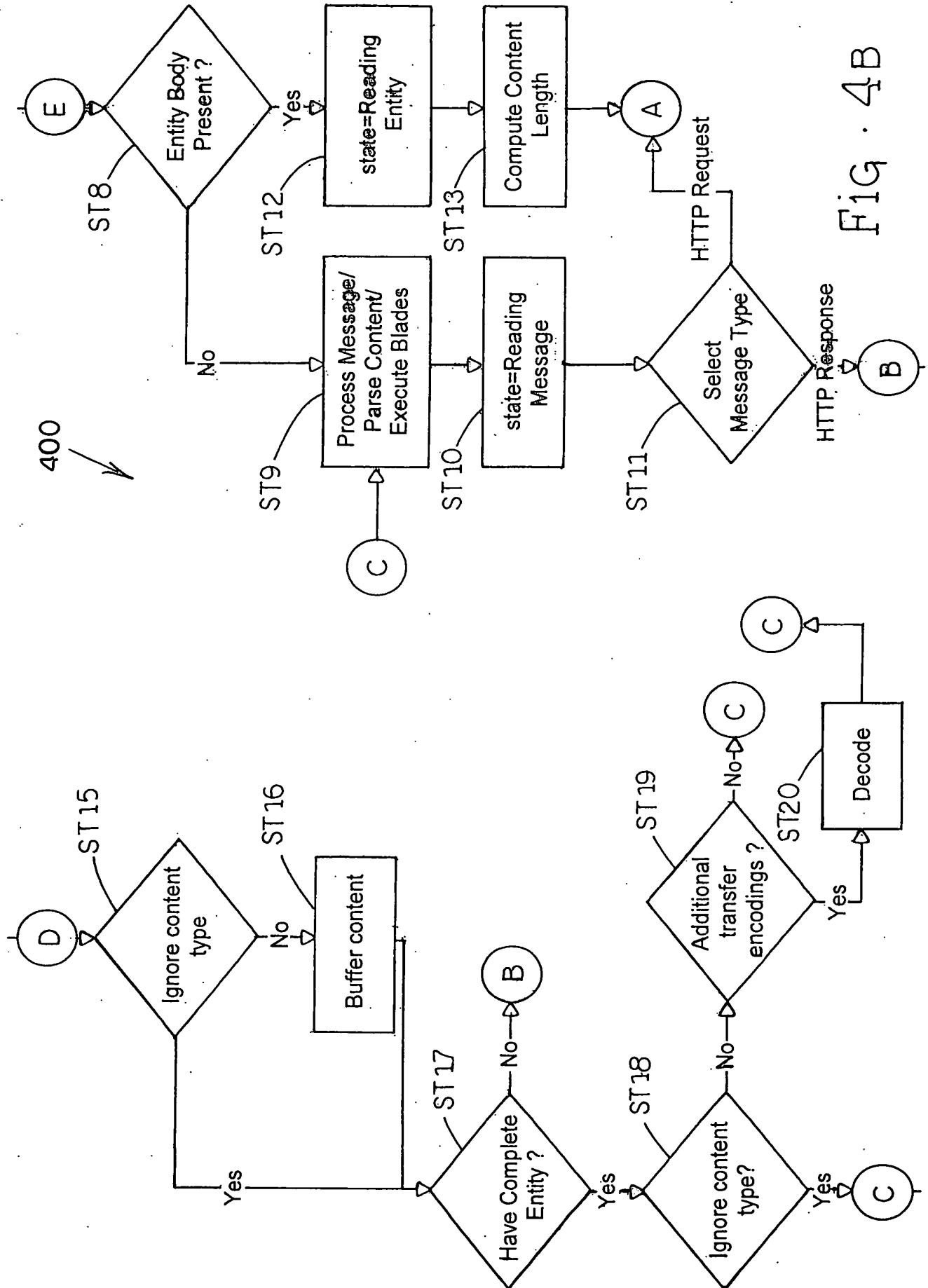


Fig. 4B

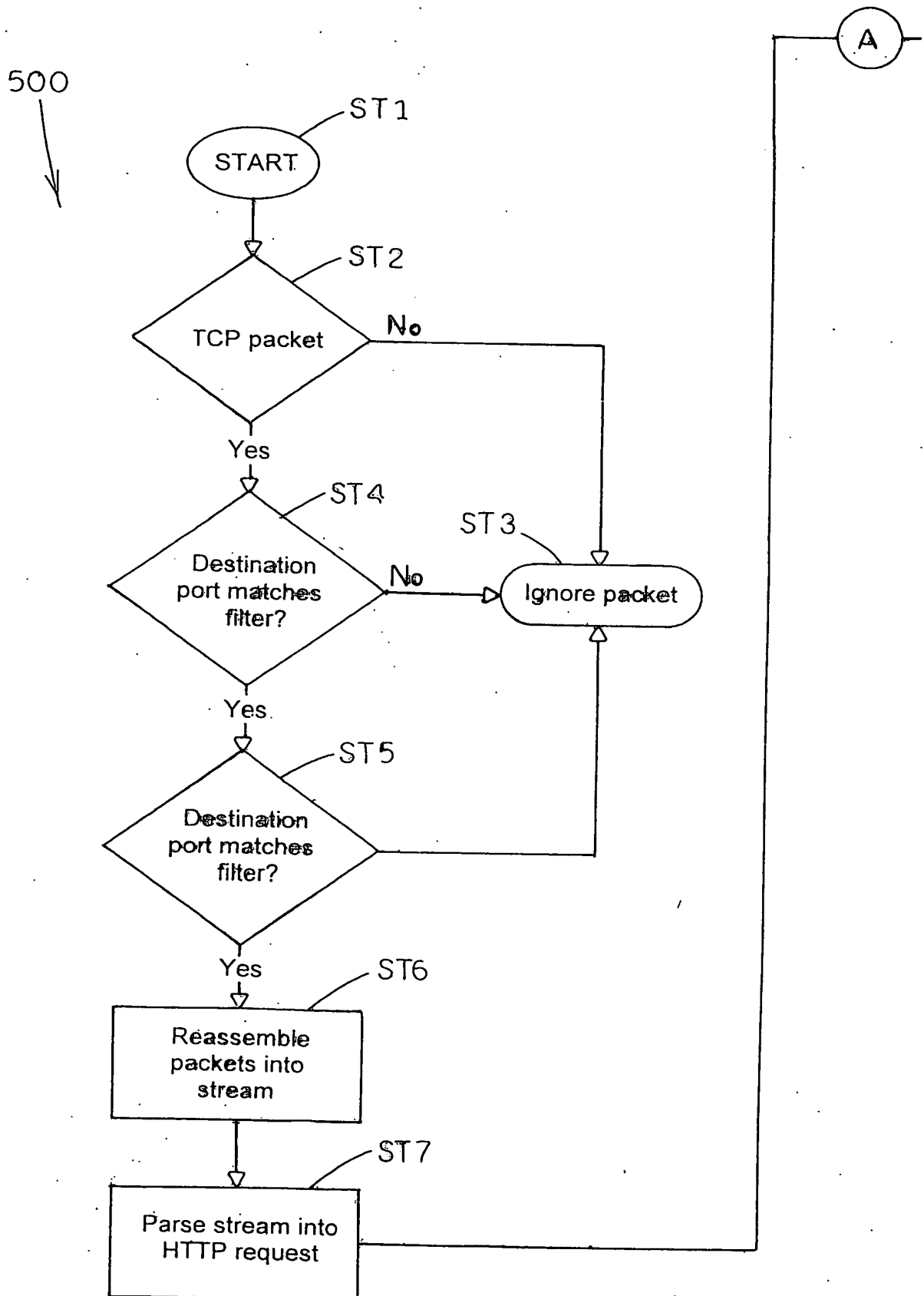
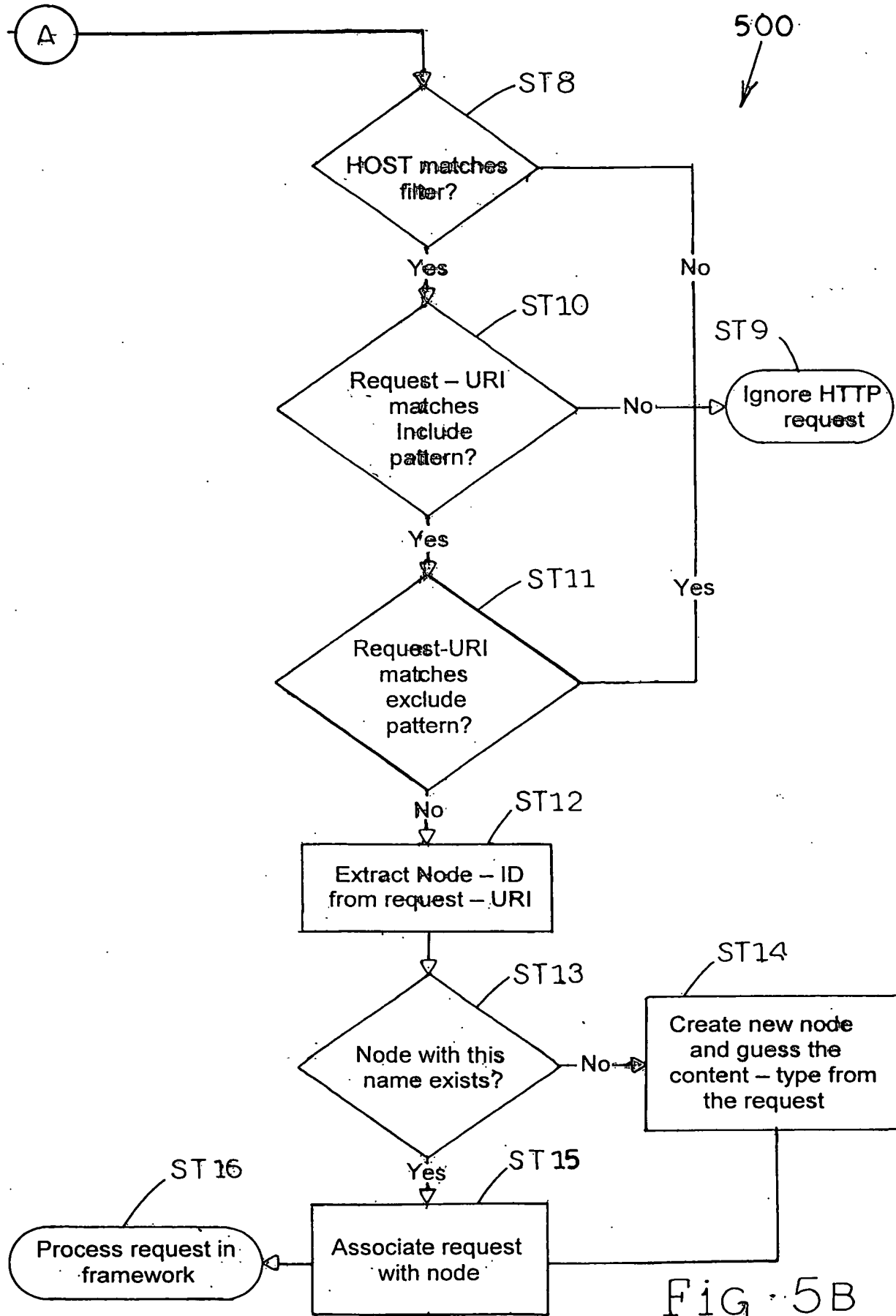
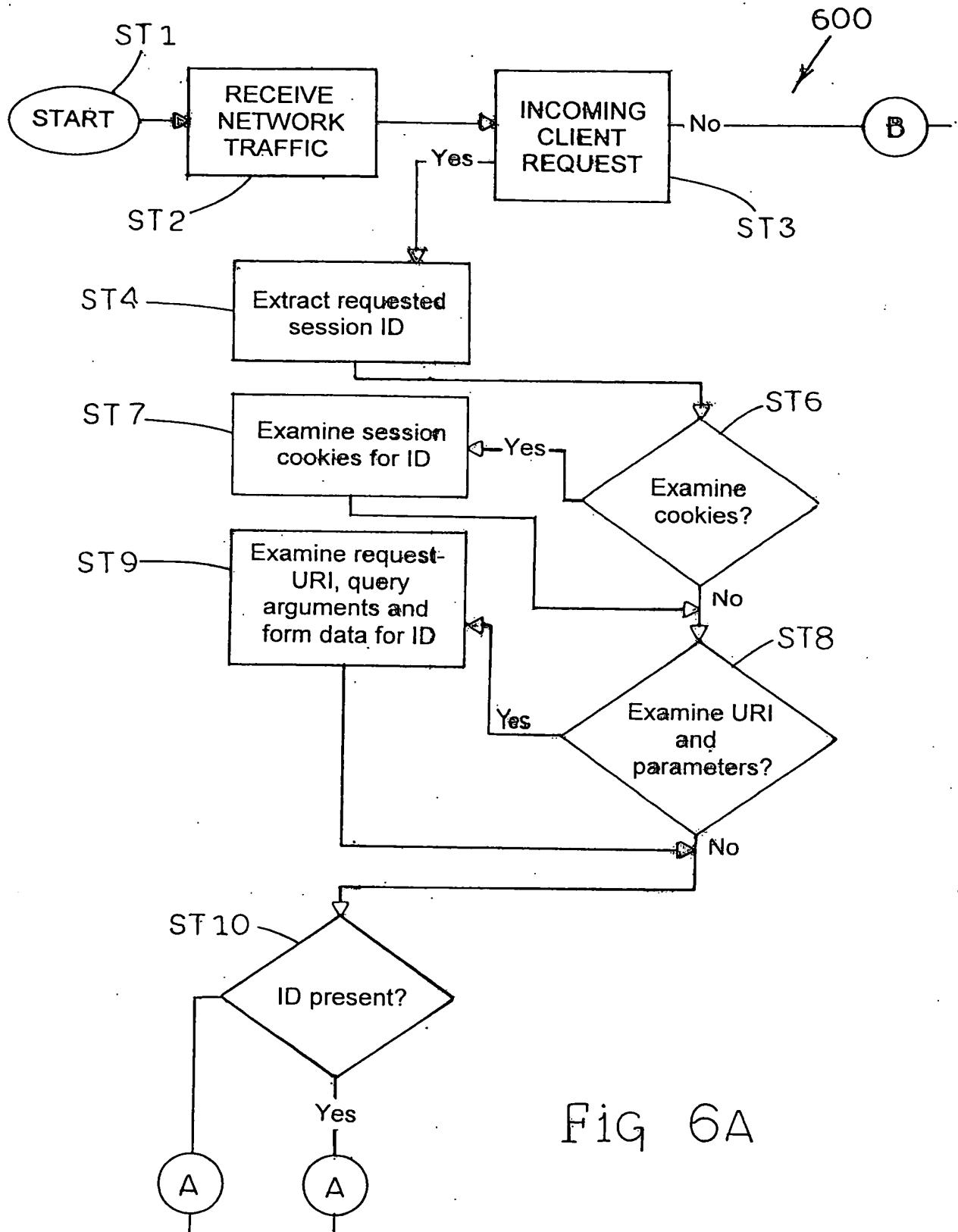


Fig. 5A





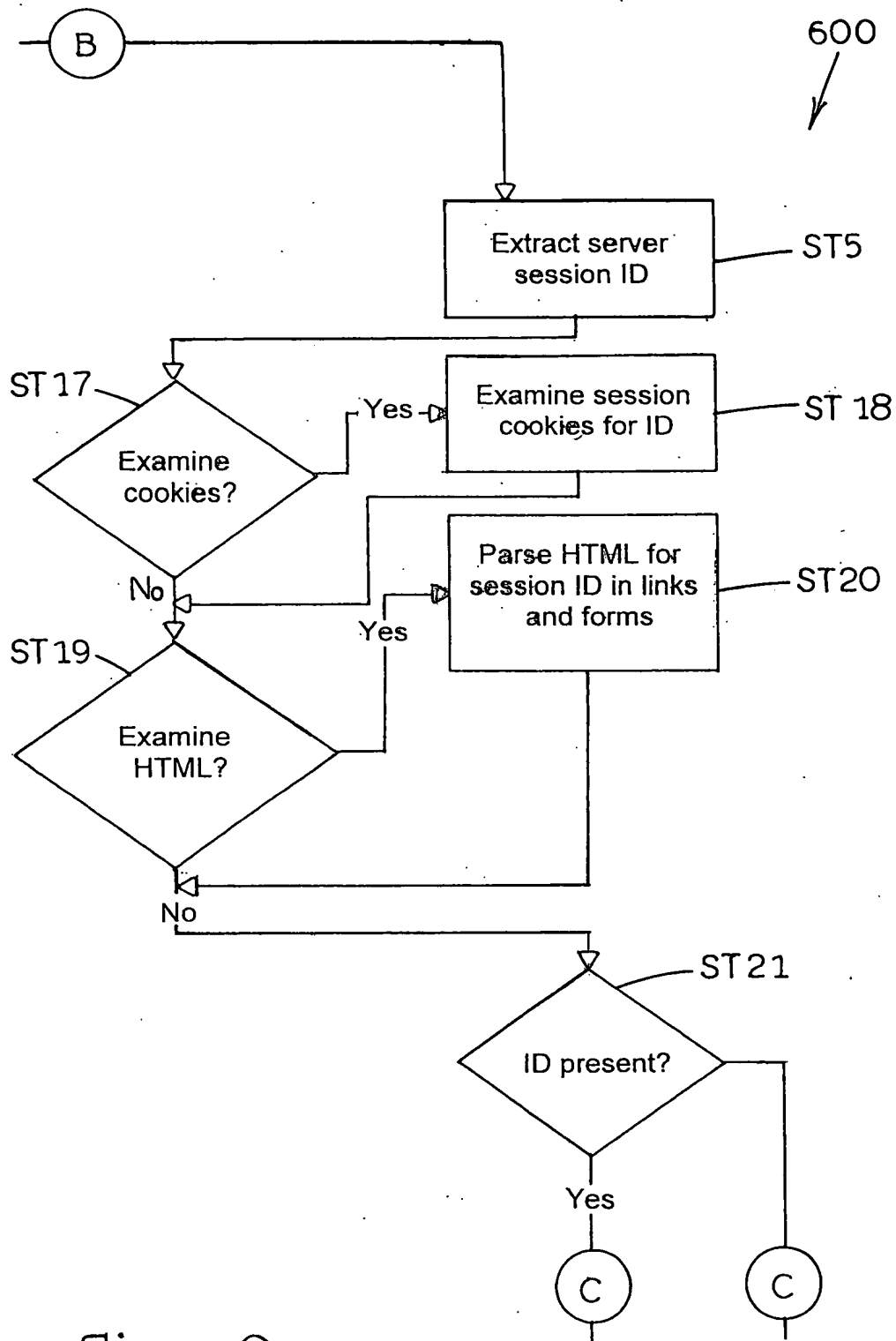
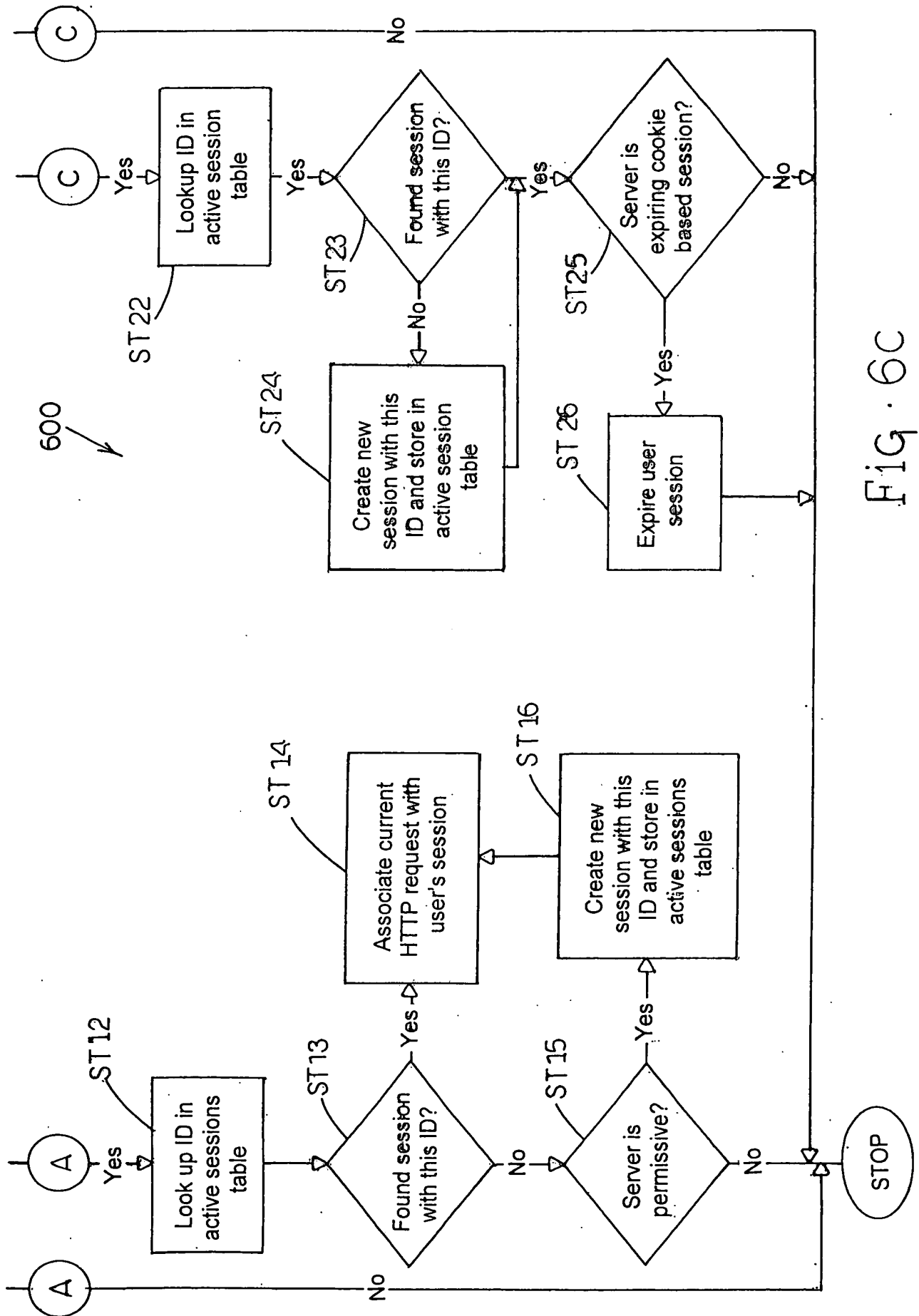
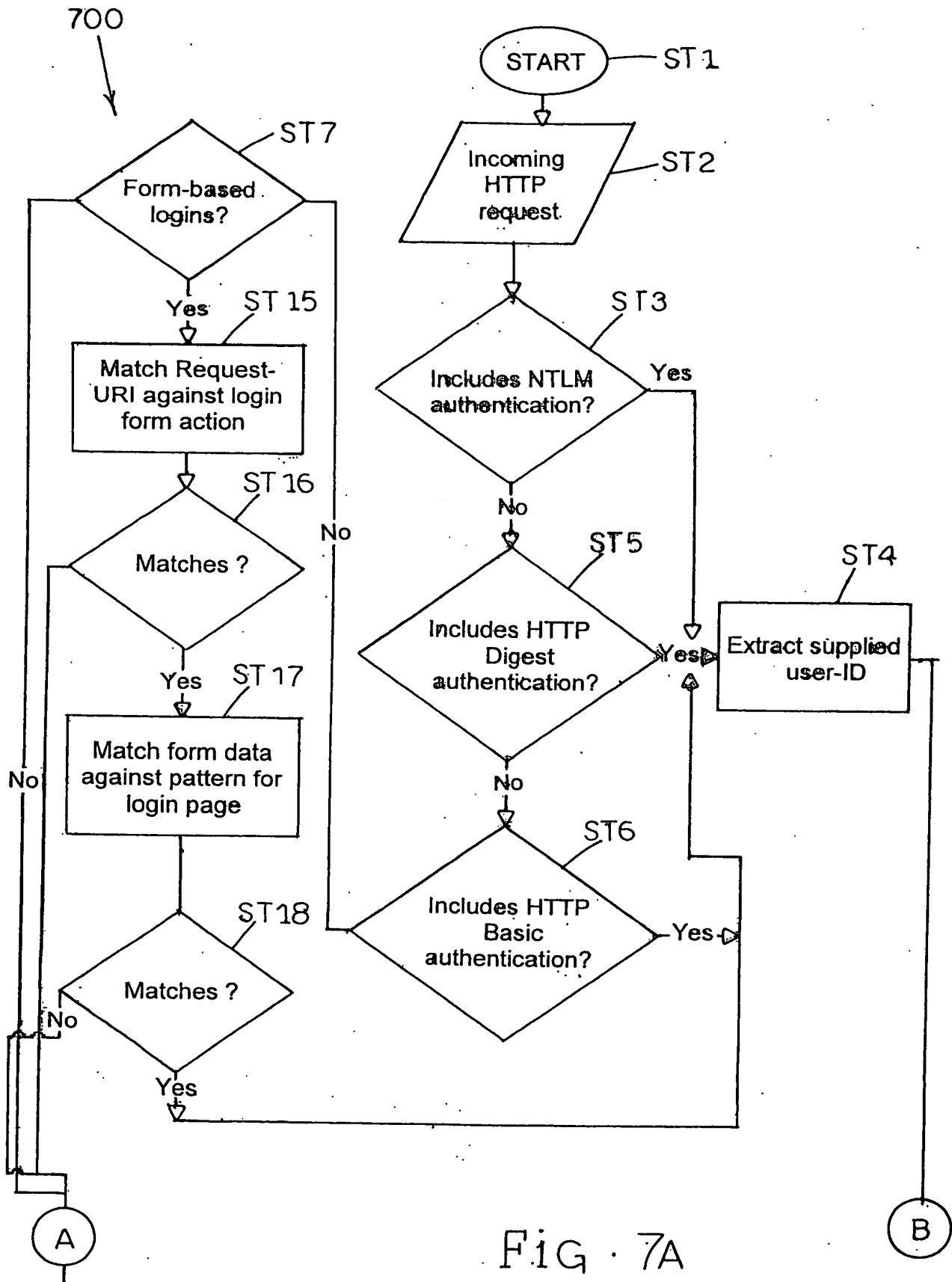
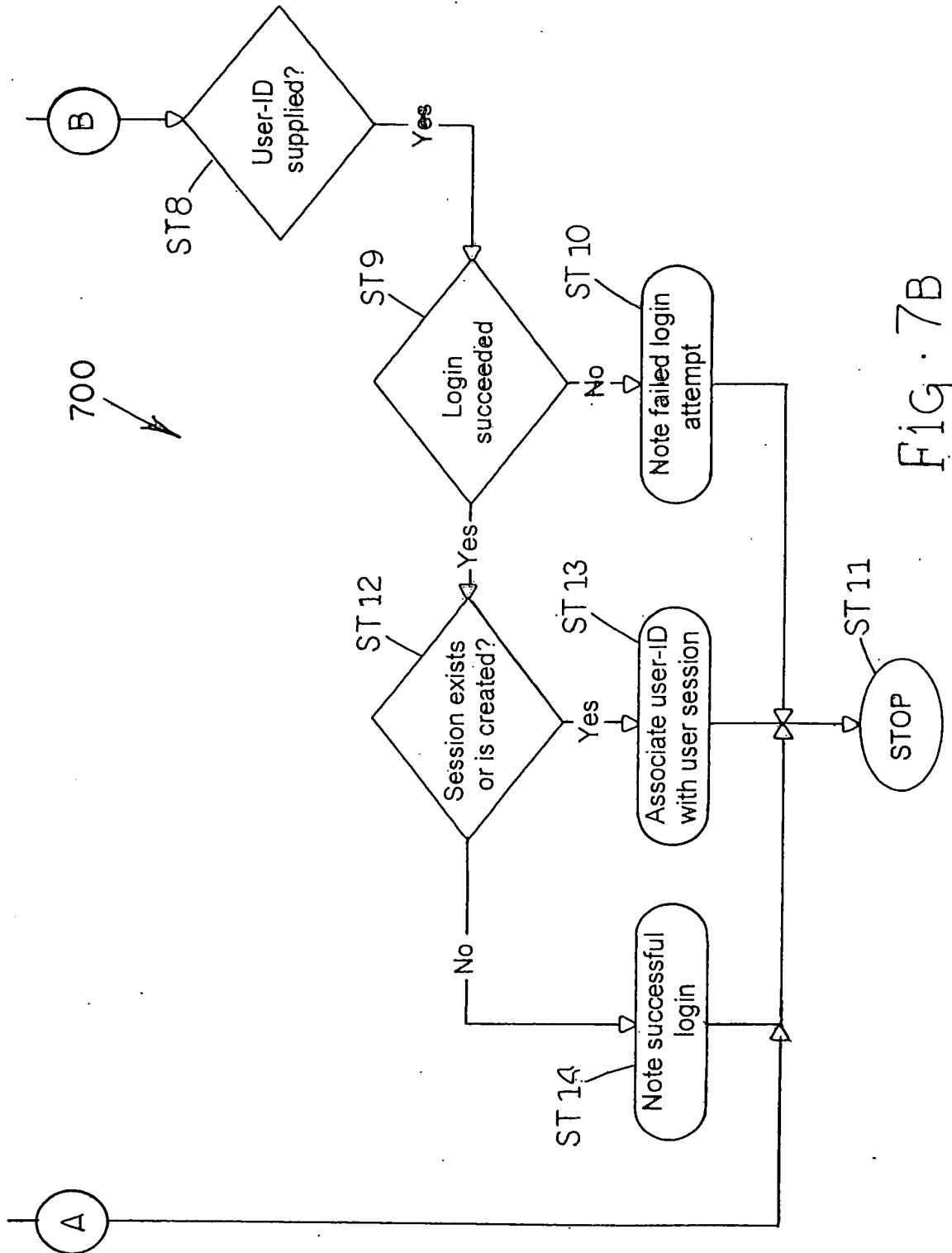


Fig. 6B







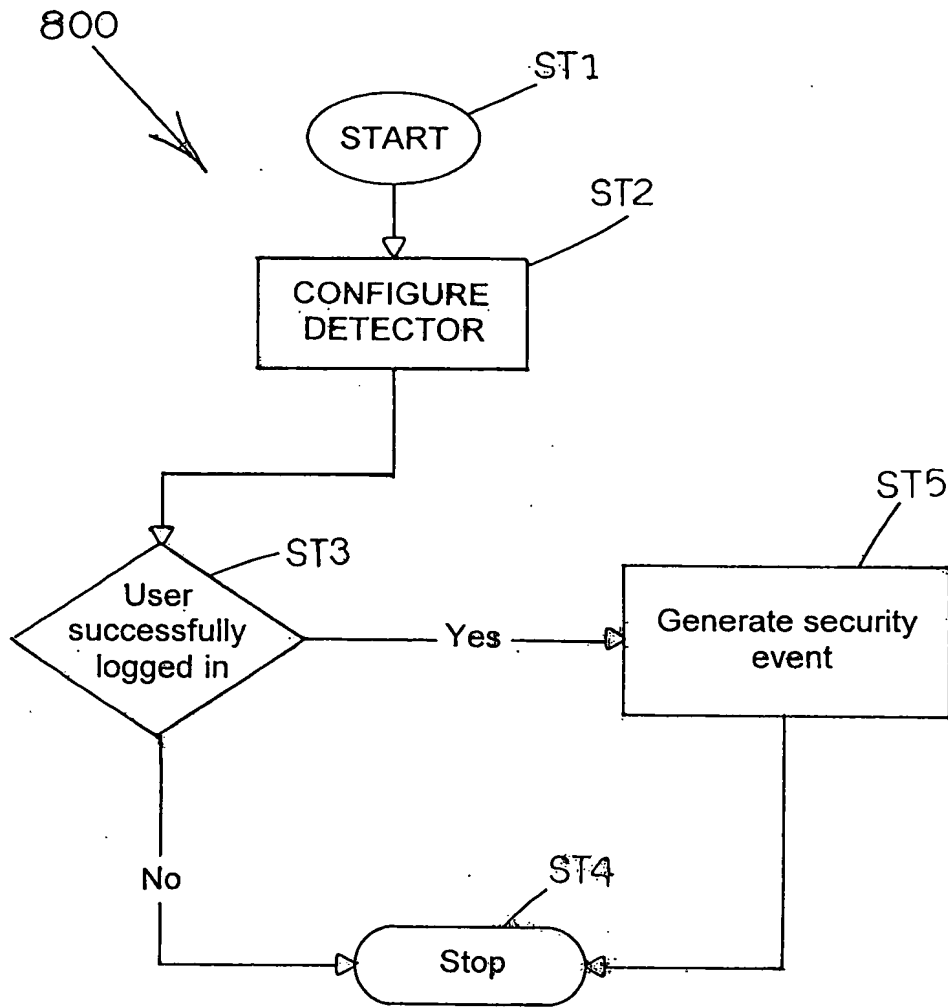


Fig. 8

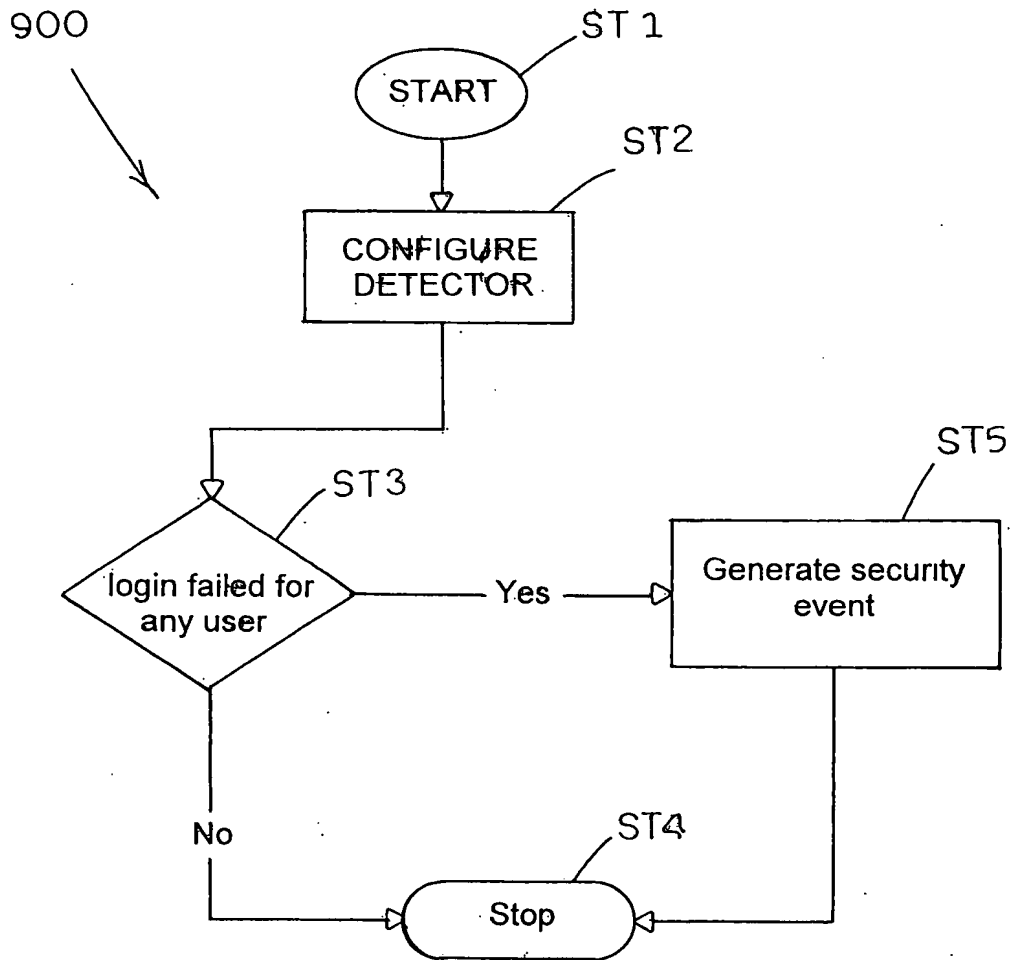


FIG. 9

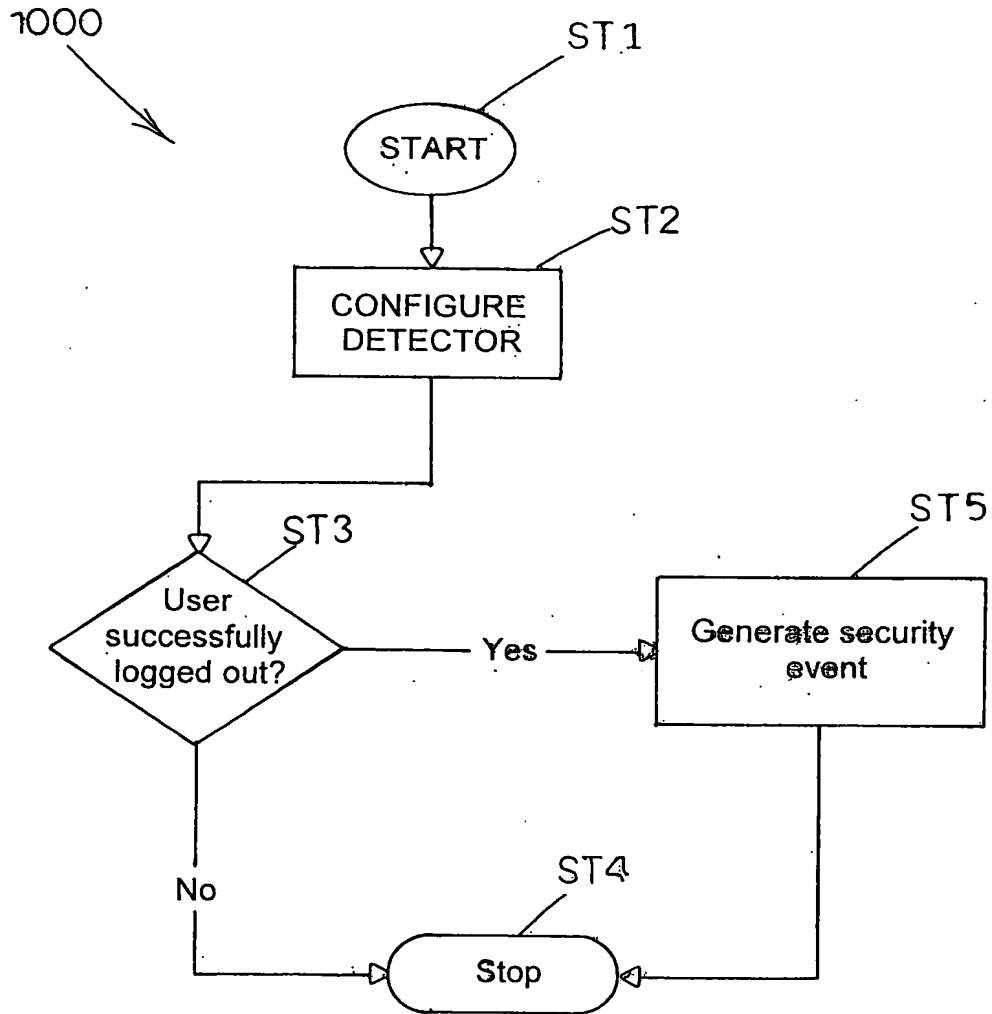


Fig. 10

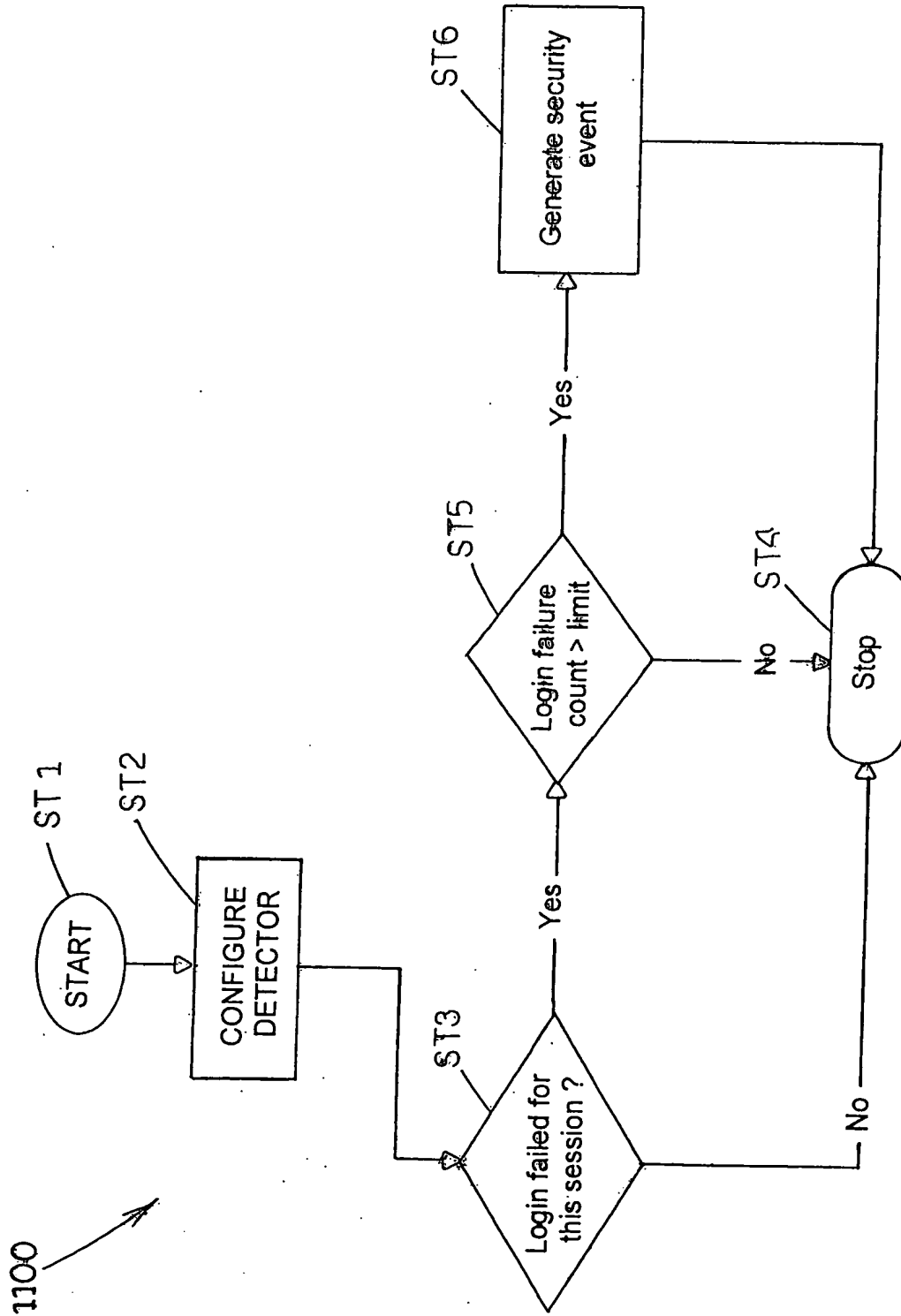


Fig. 11

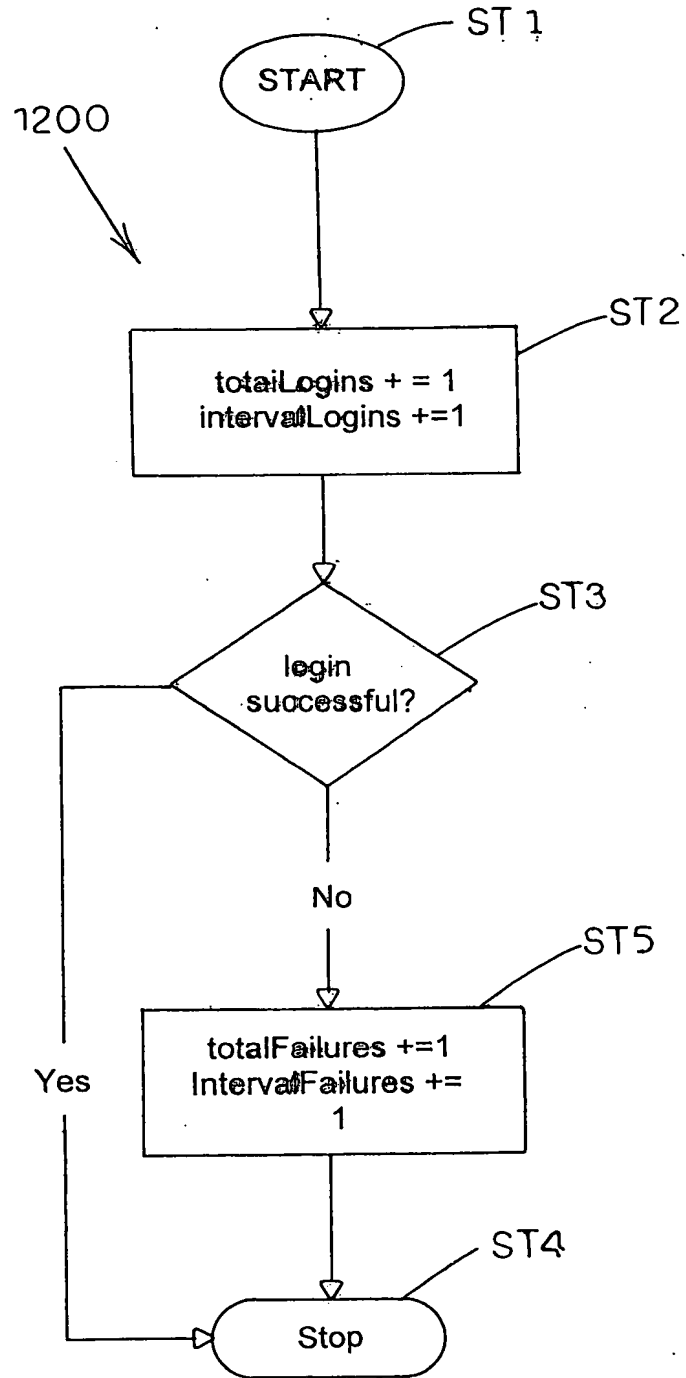


Fig. 12A

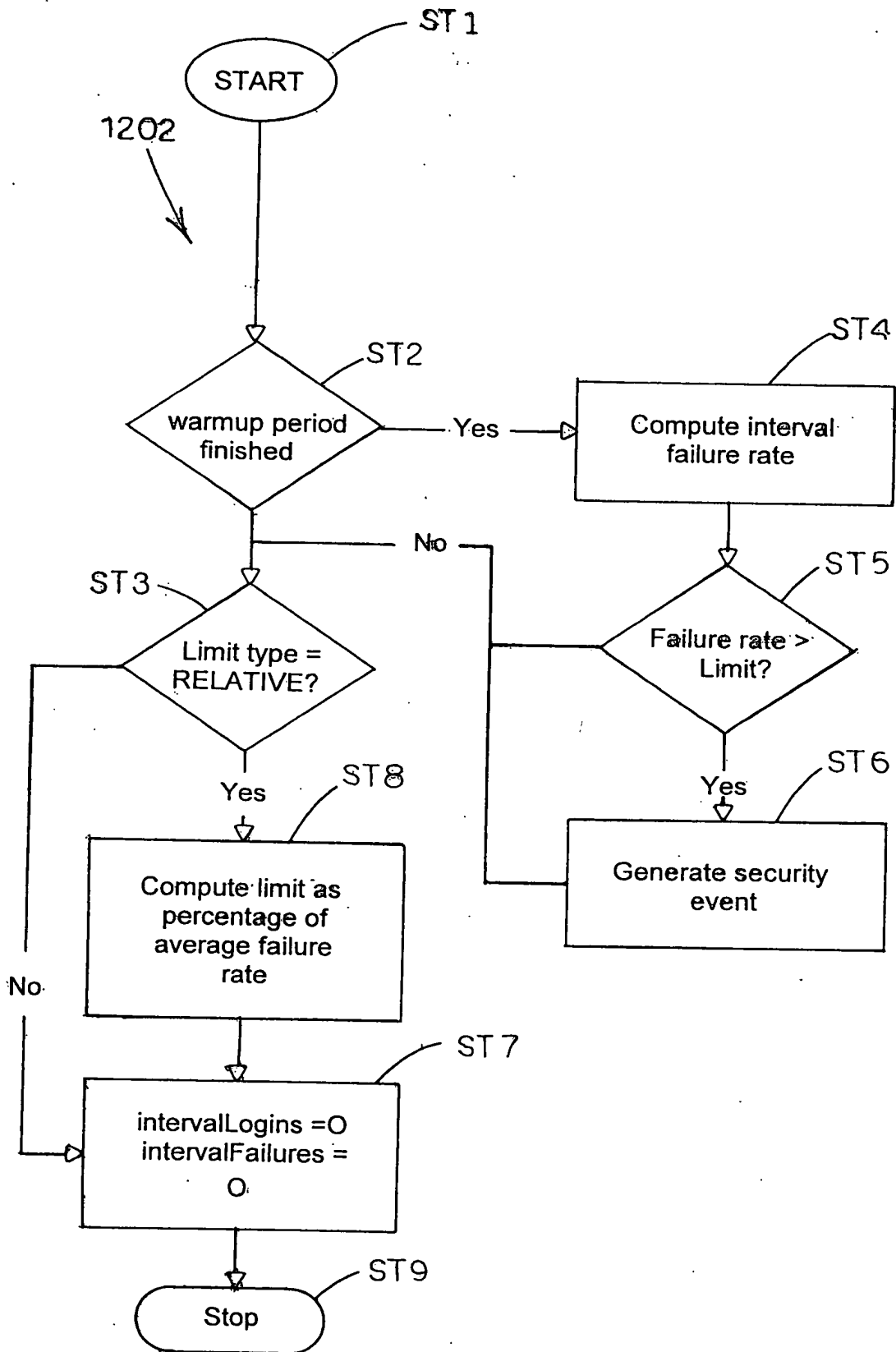


Fig. 12B

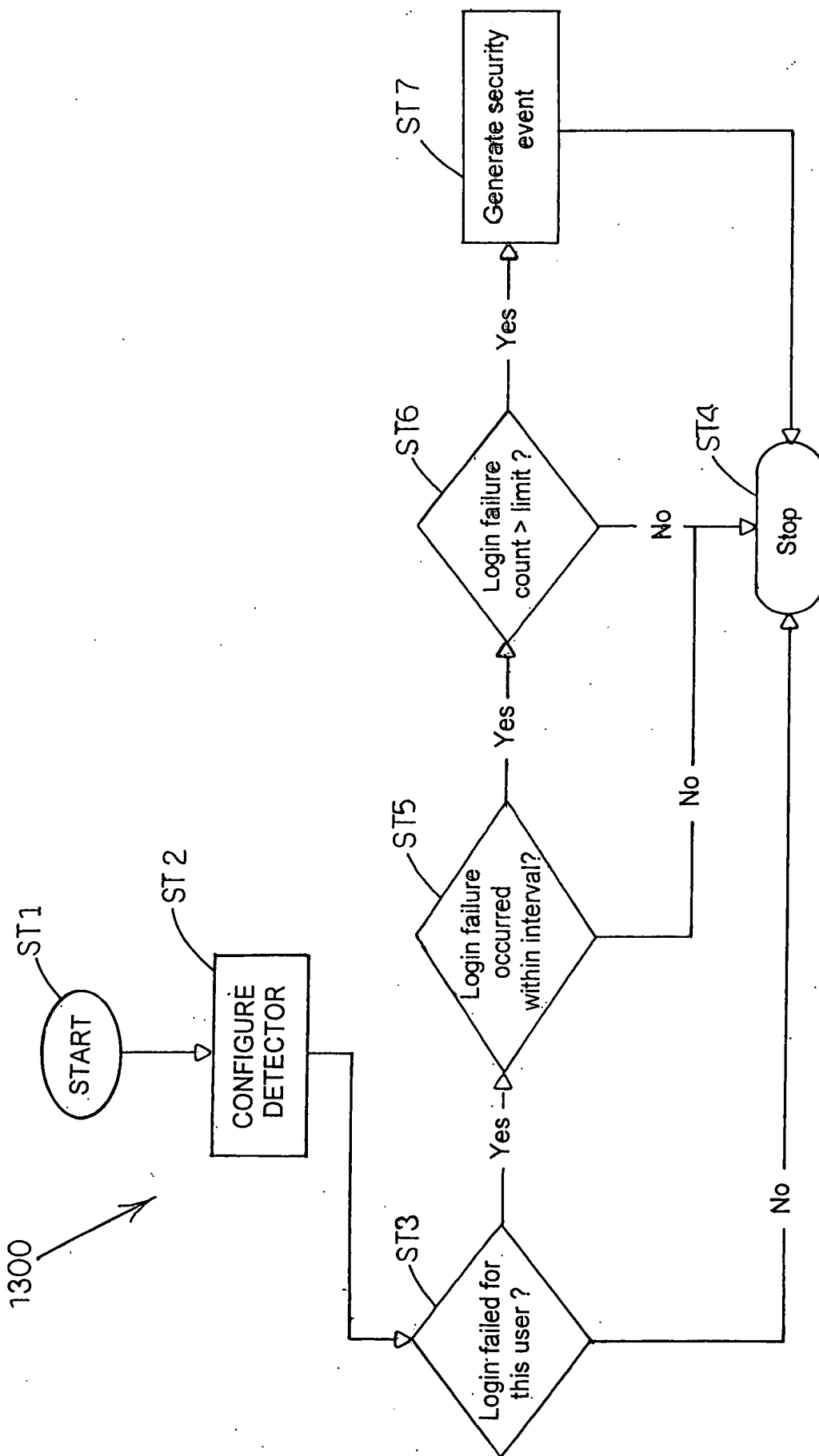


Fig. 13

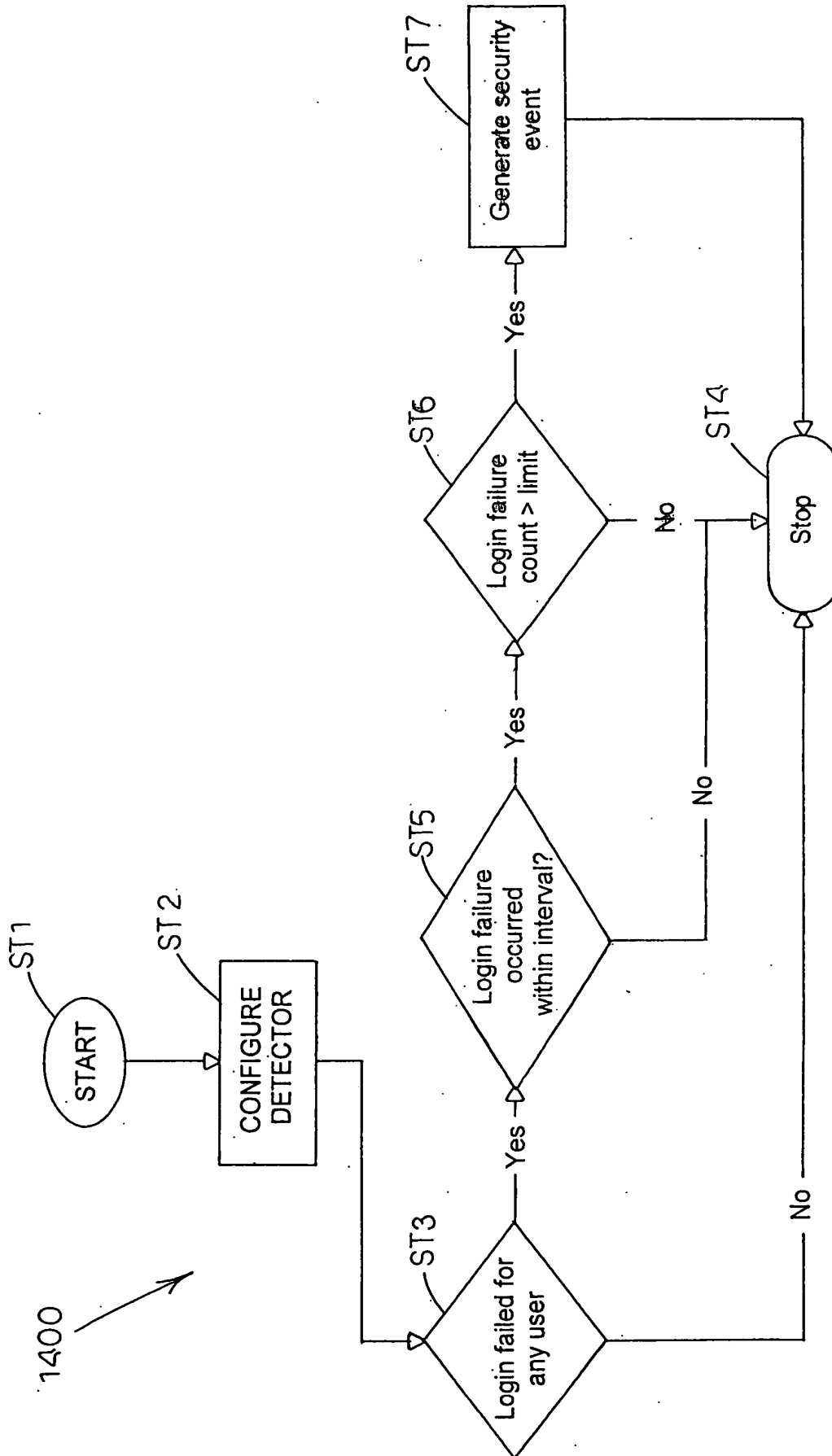
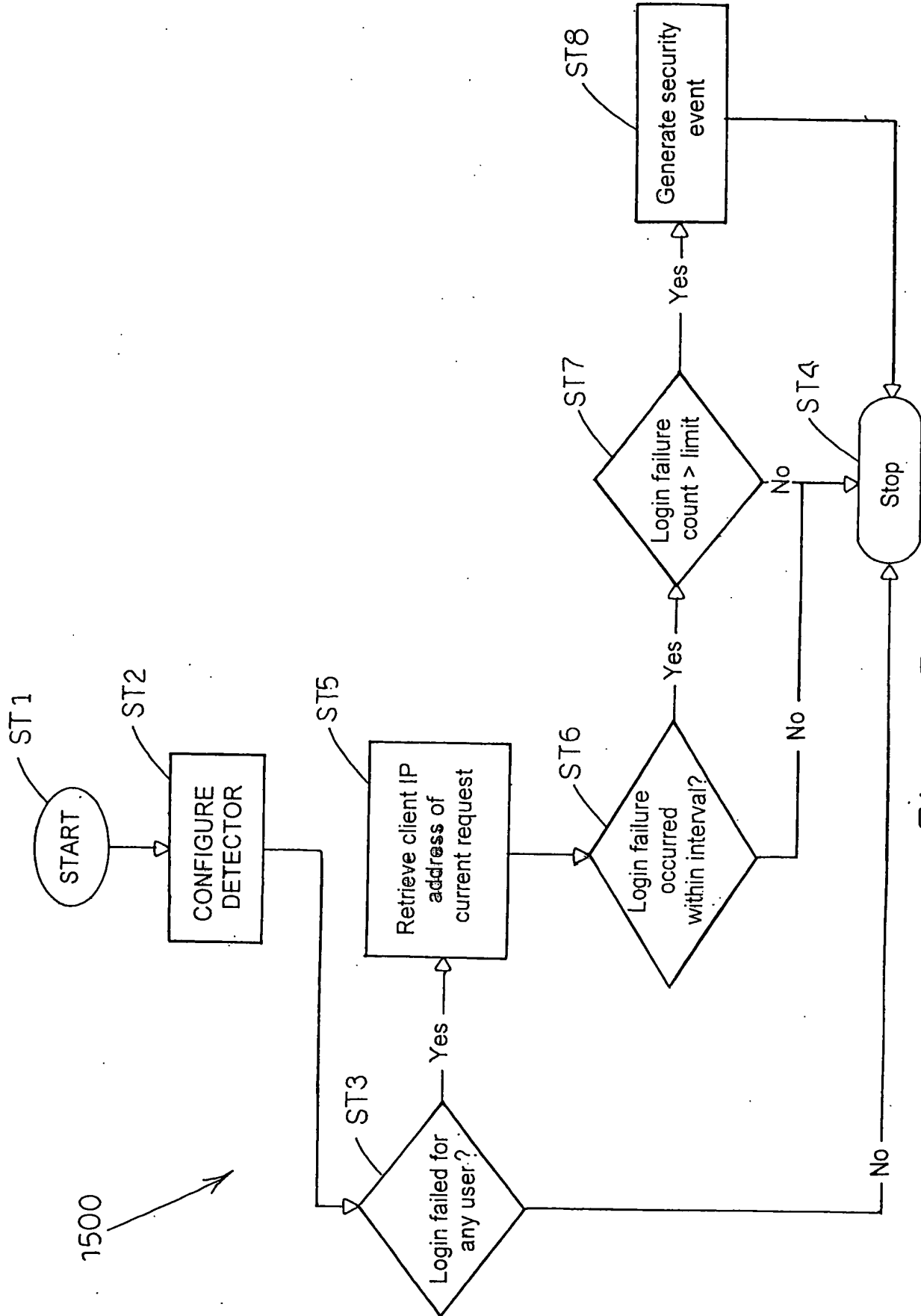
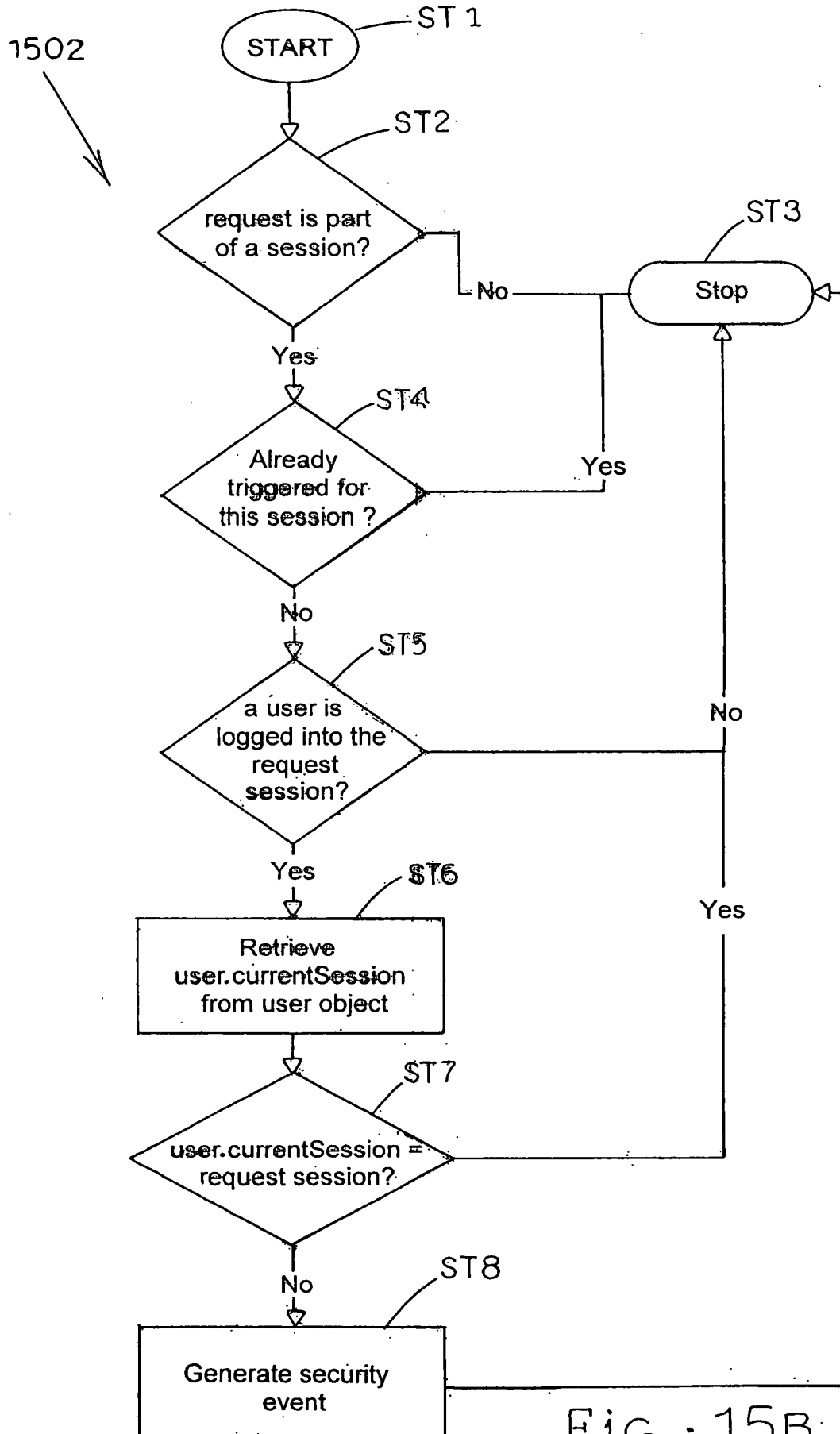


Fig. 14





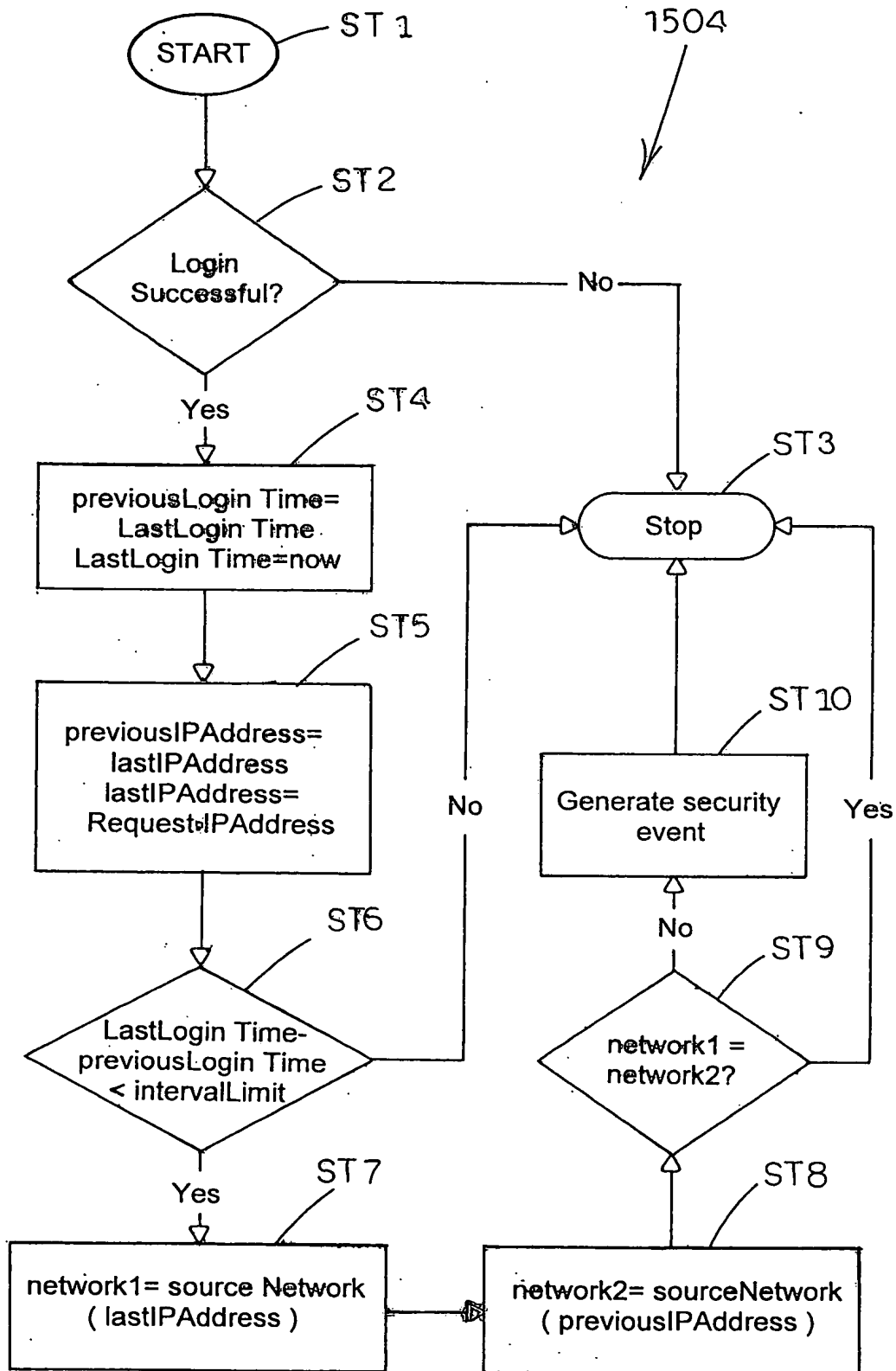


Fig. 15c

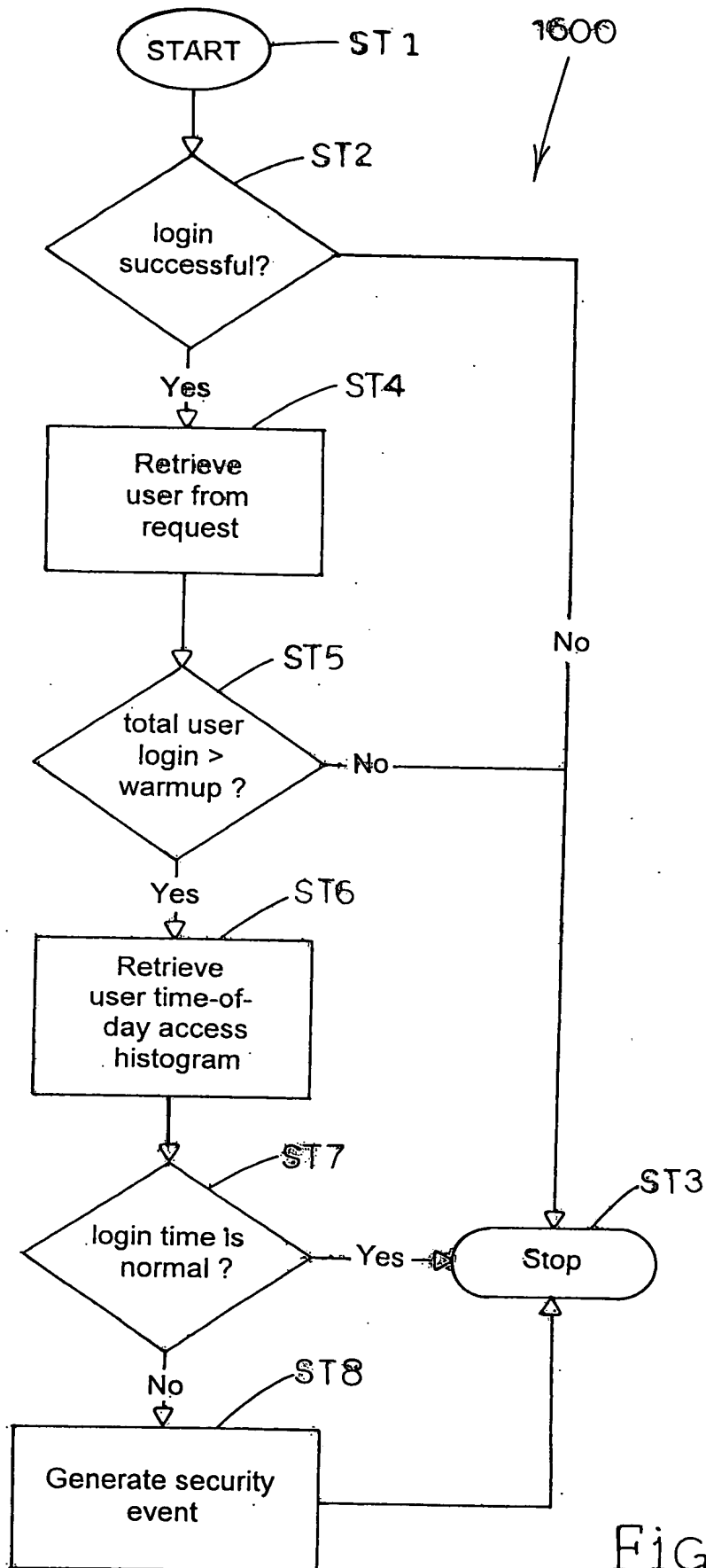


Fig. 16A

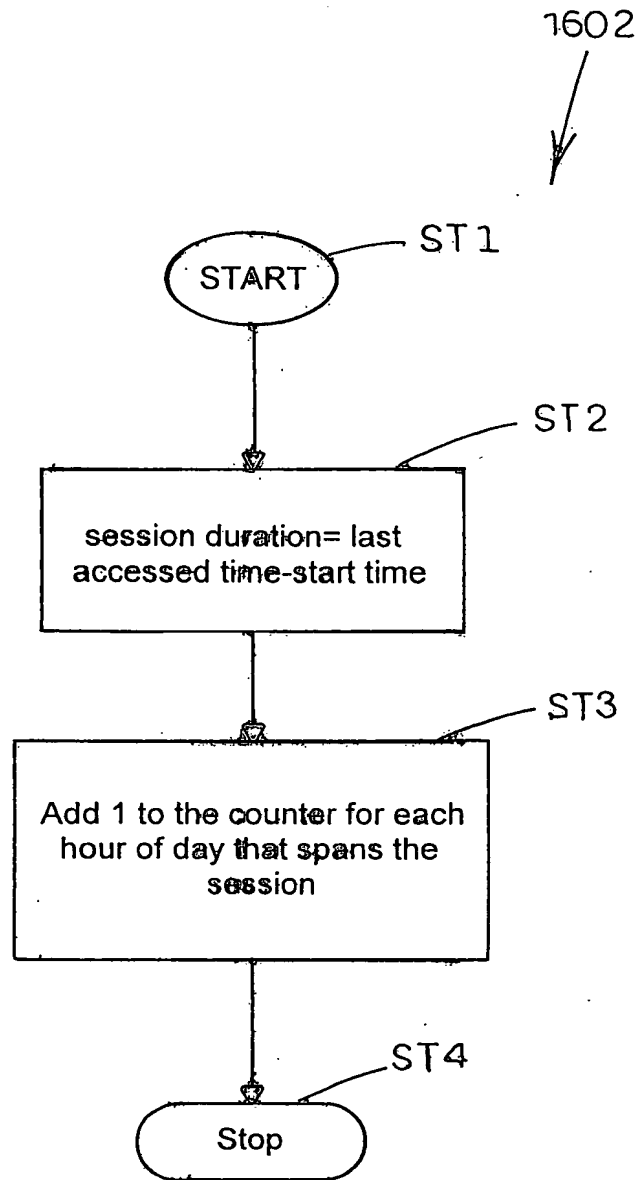


Fig. 16B

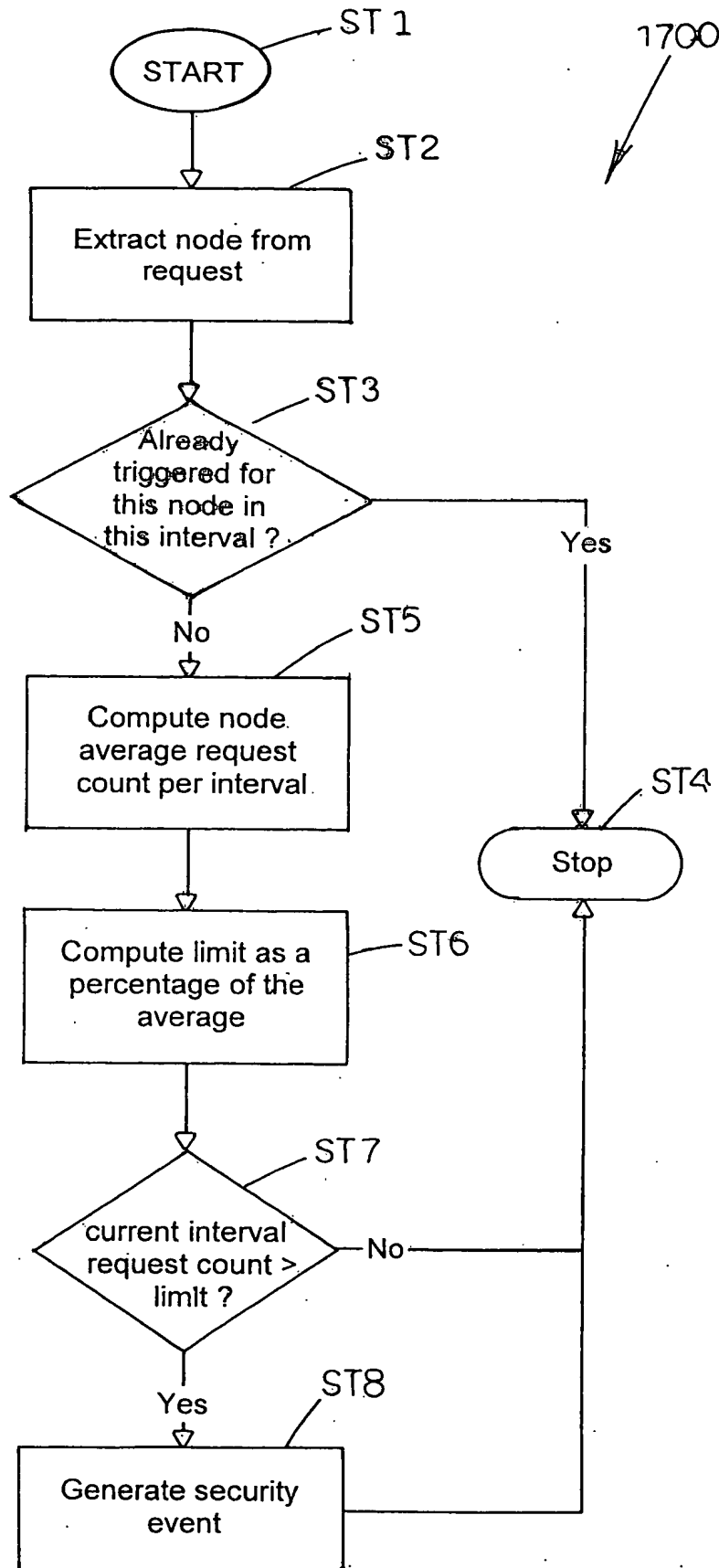


Fig. 17A

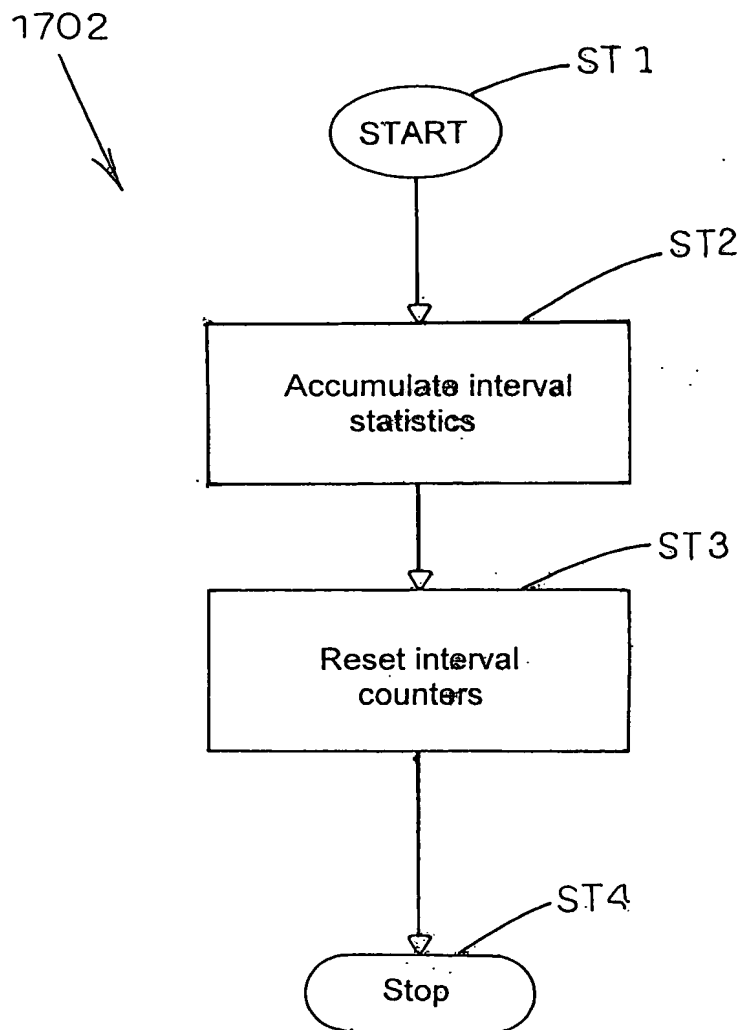


FIG. 17B

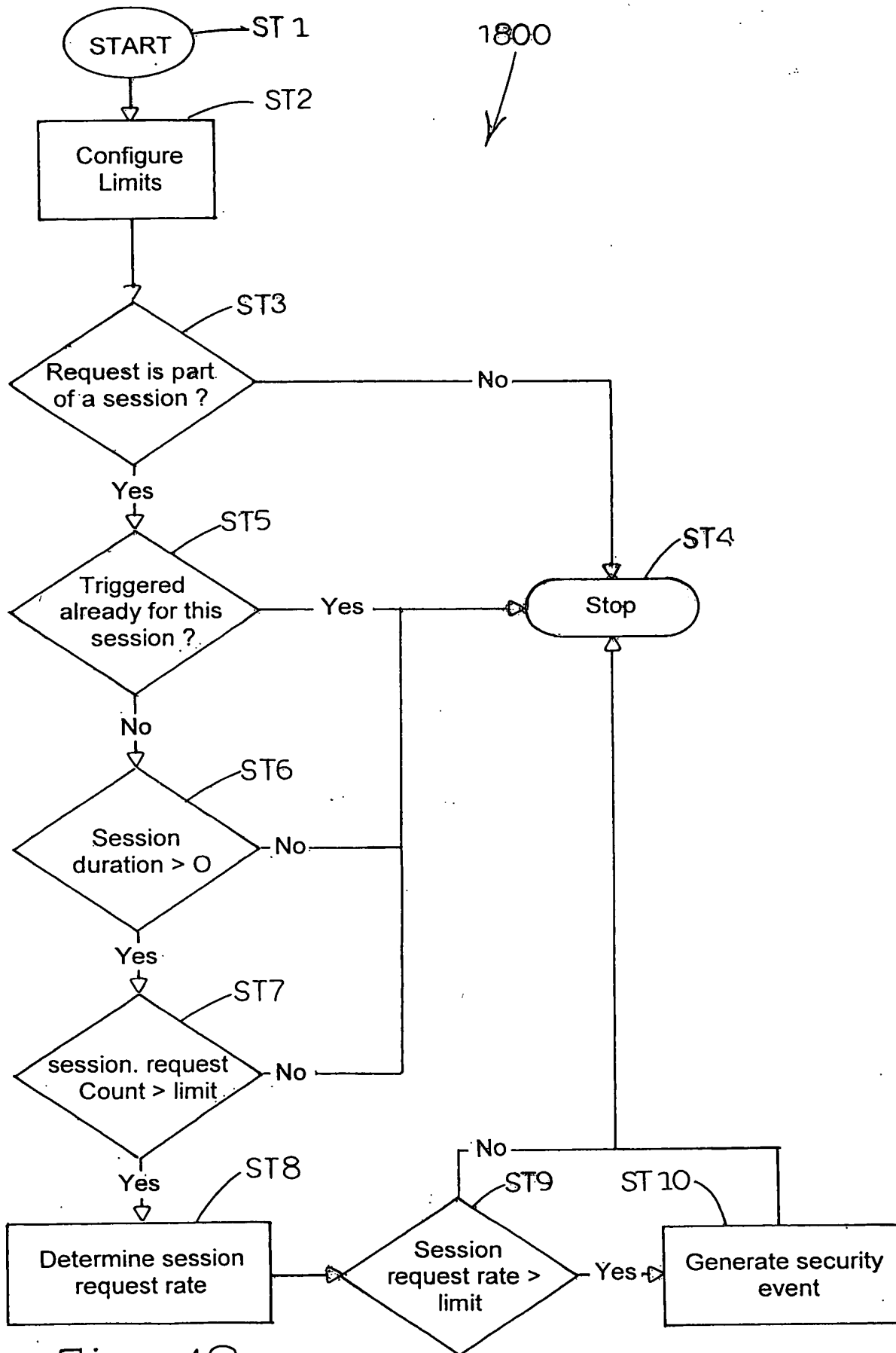


Fig. 18

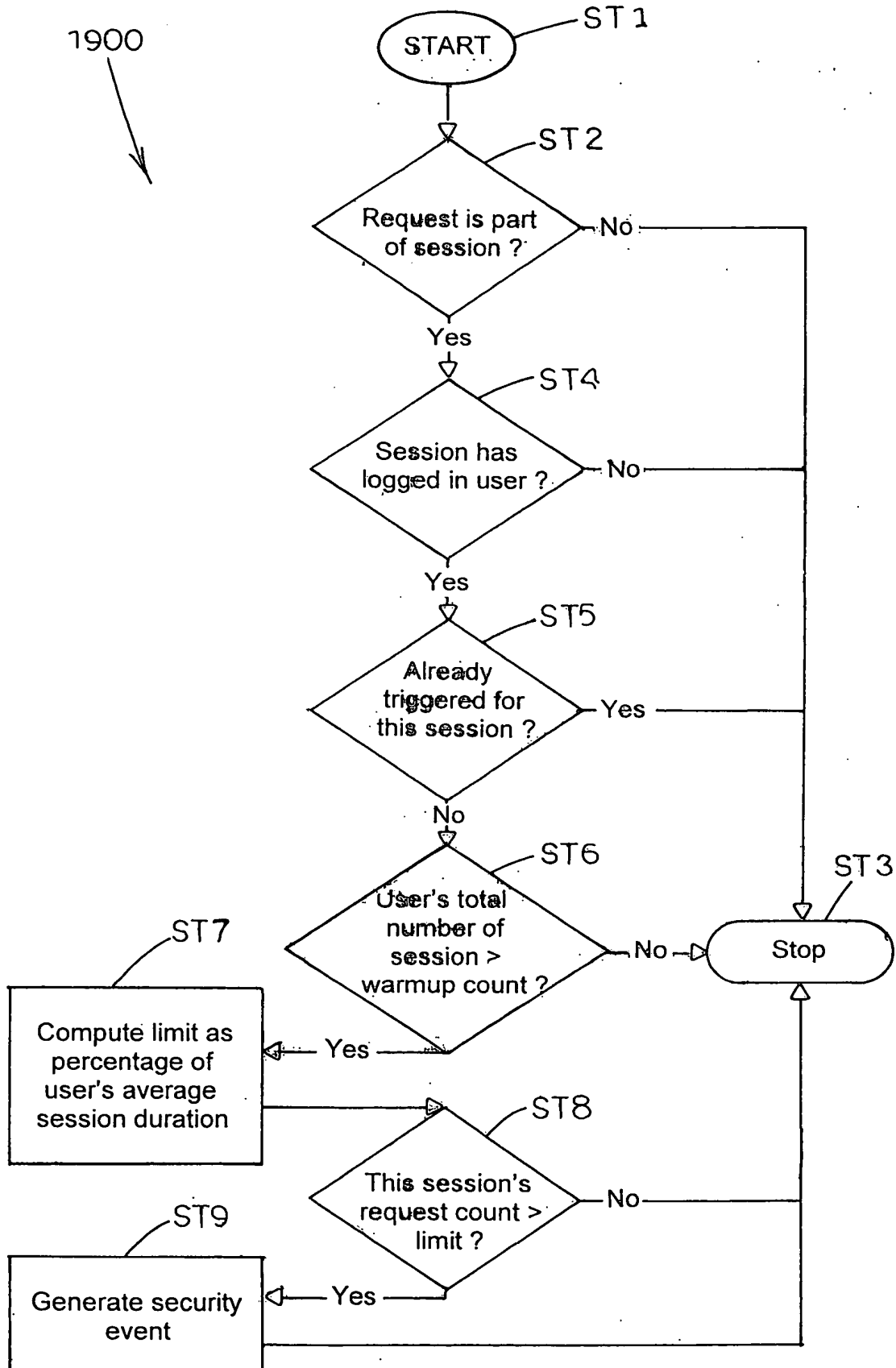


Fig. 19A

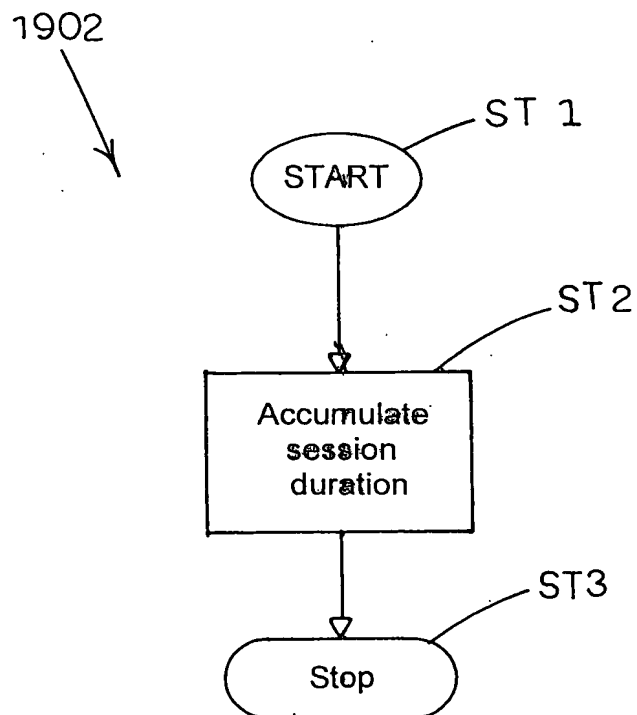


Fig. 19B

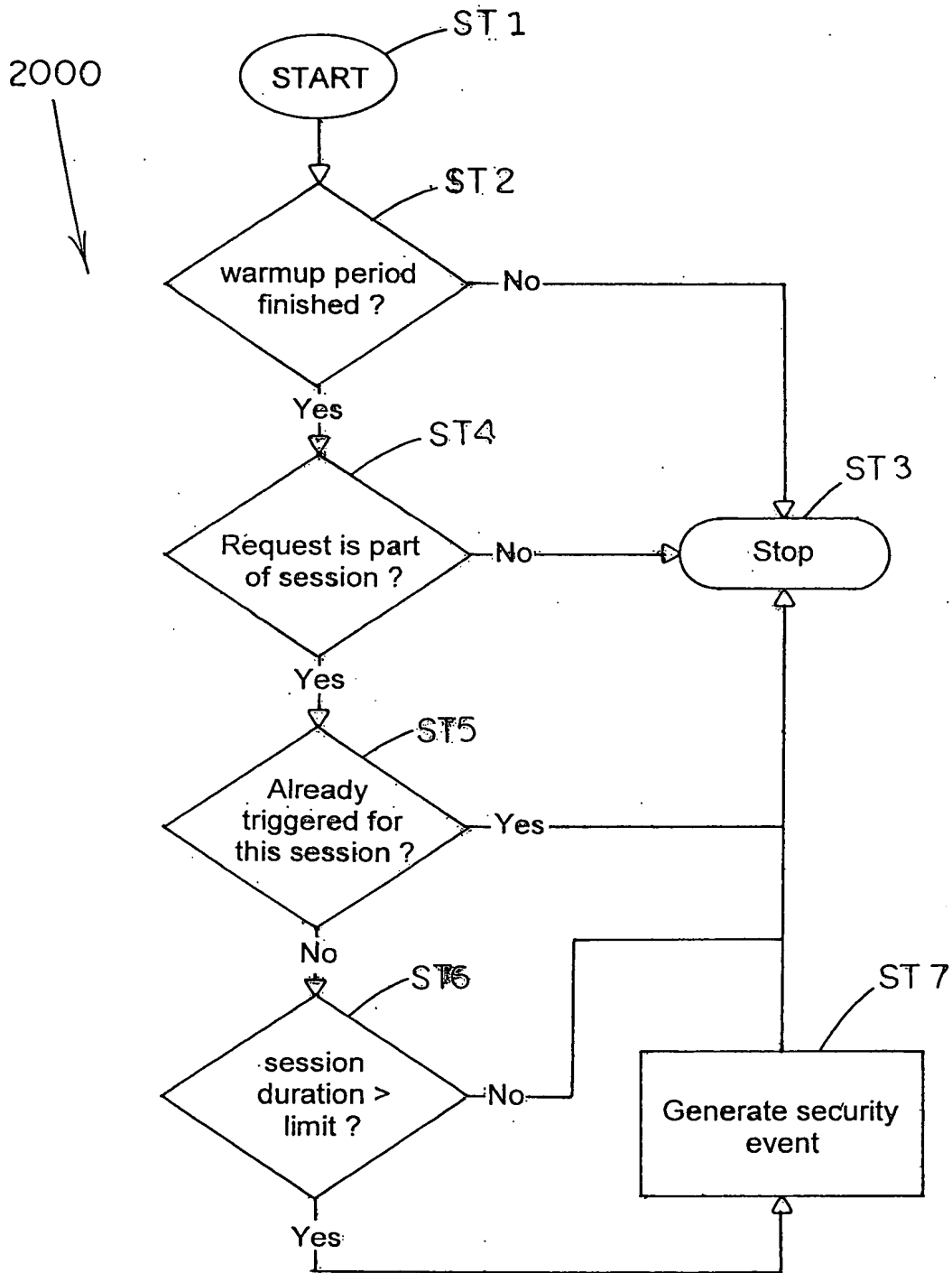


Fig. 20A

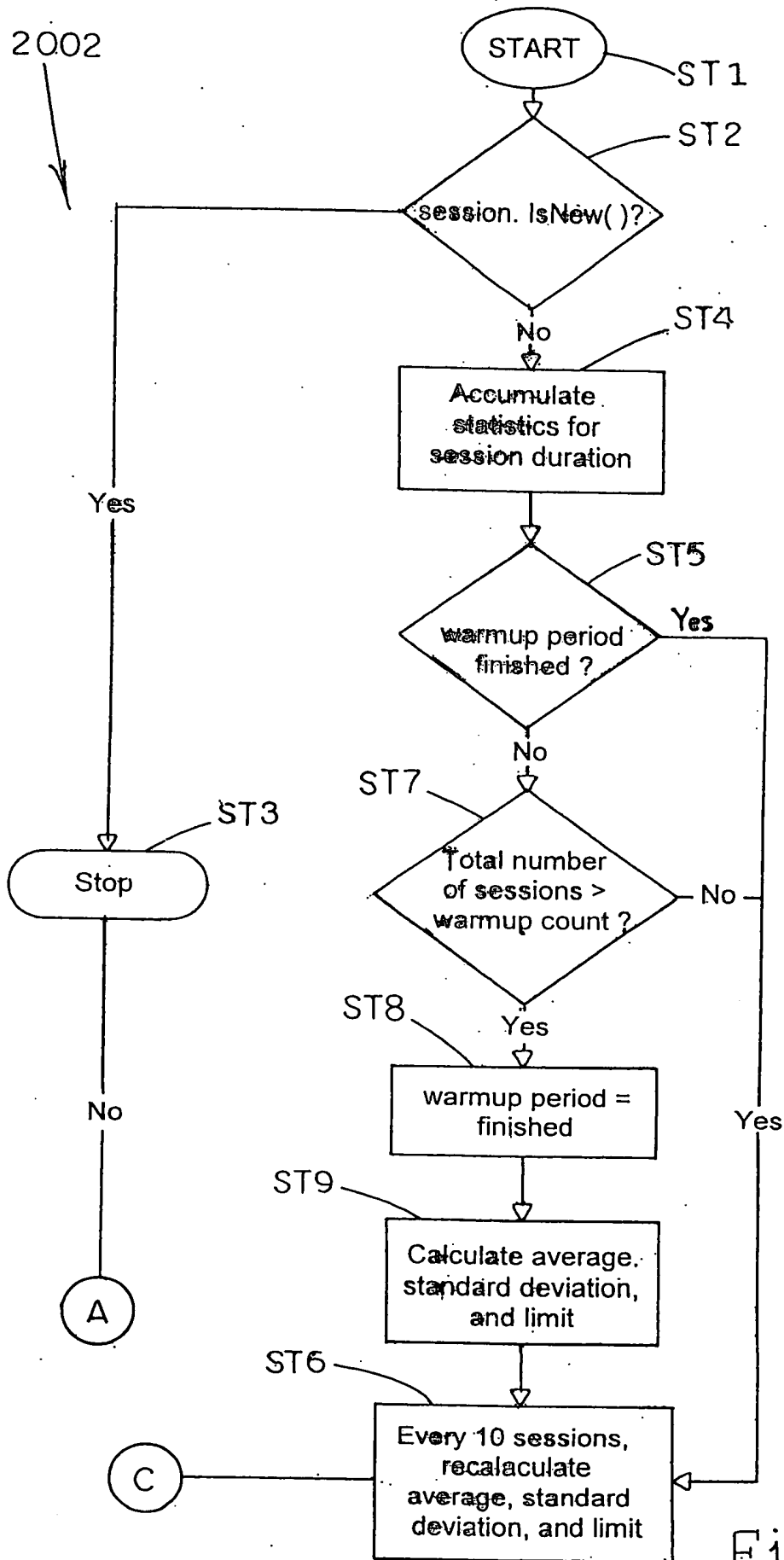


Fig. 20B

2004

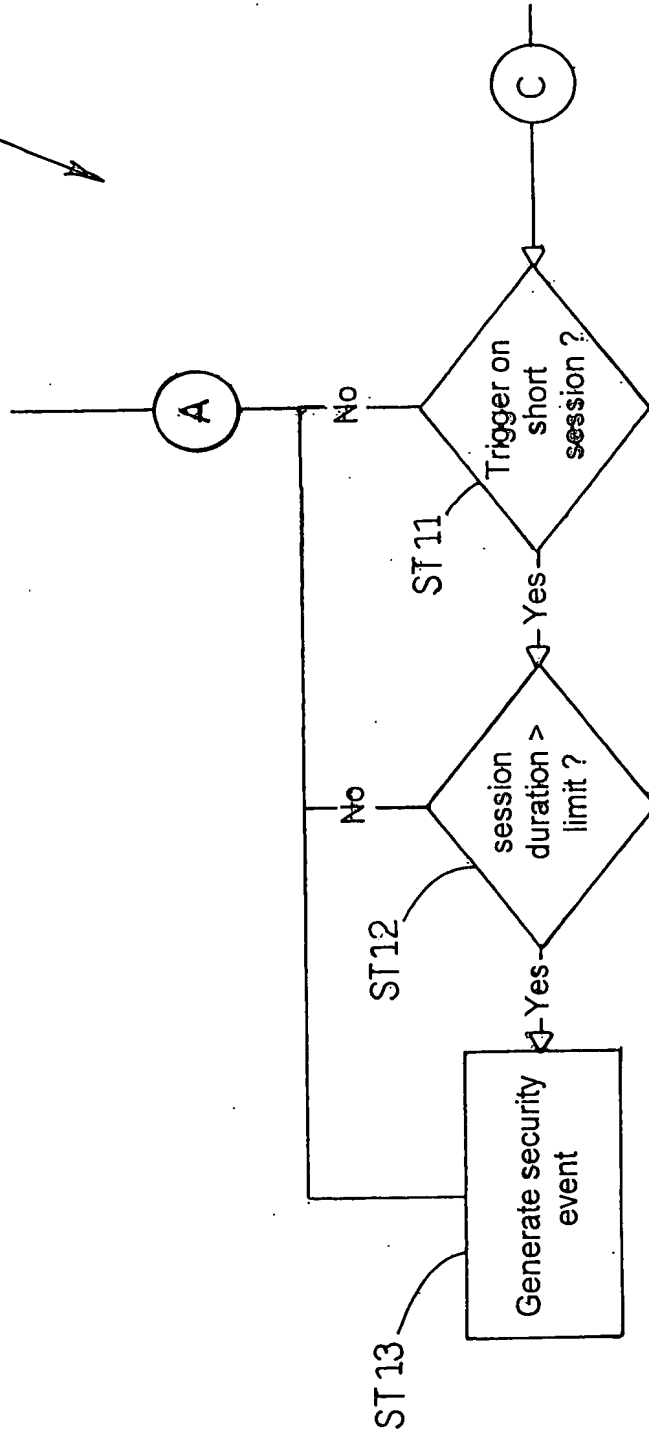


Fig. 20c

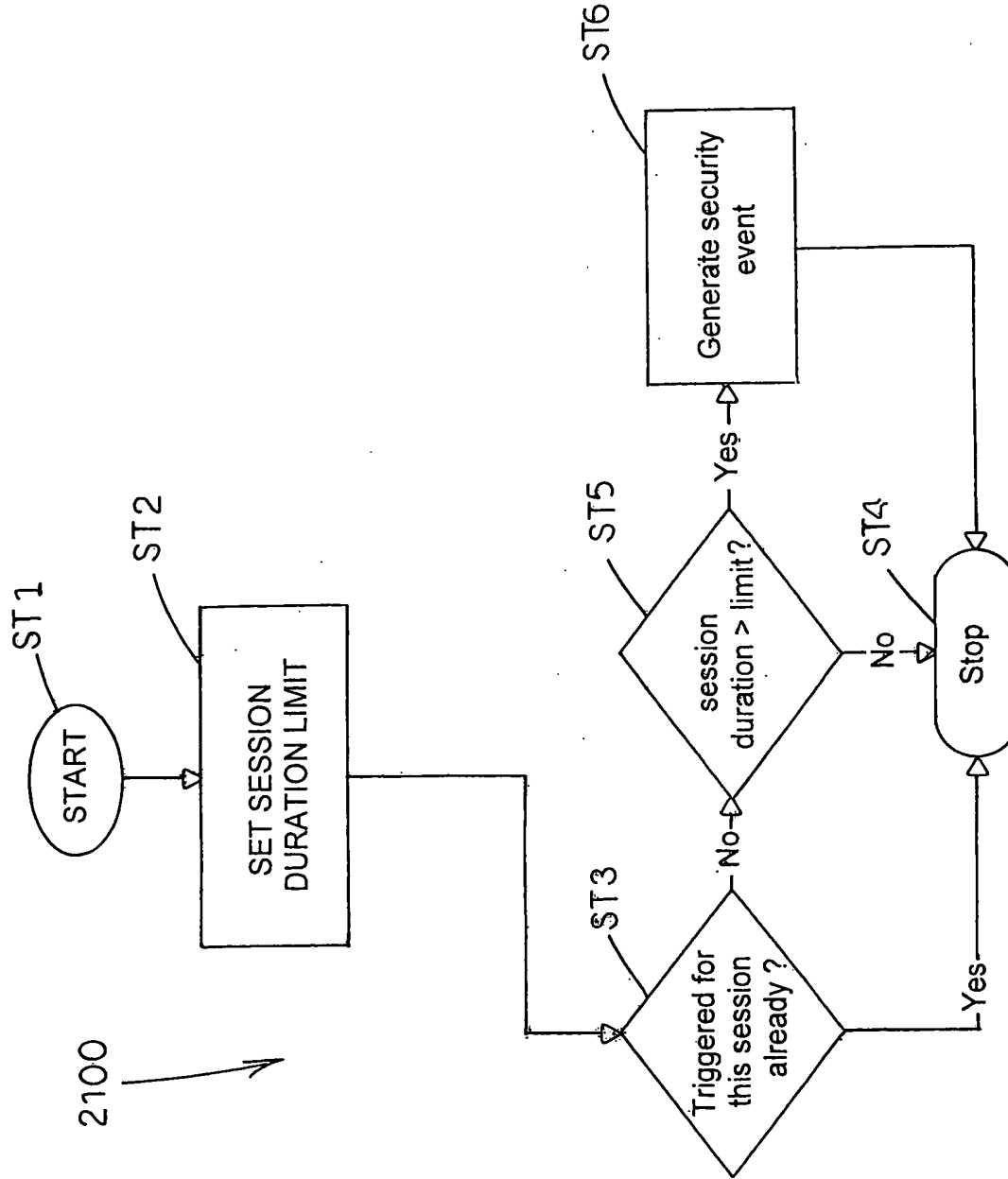


Fig. 21

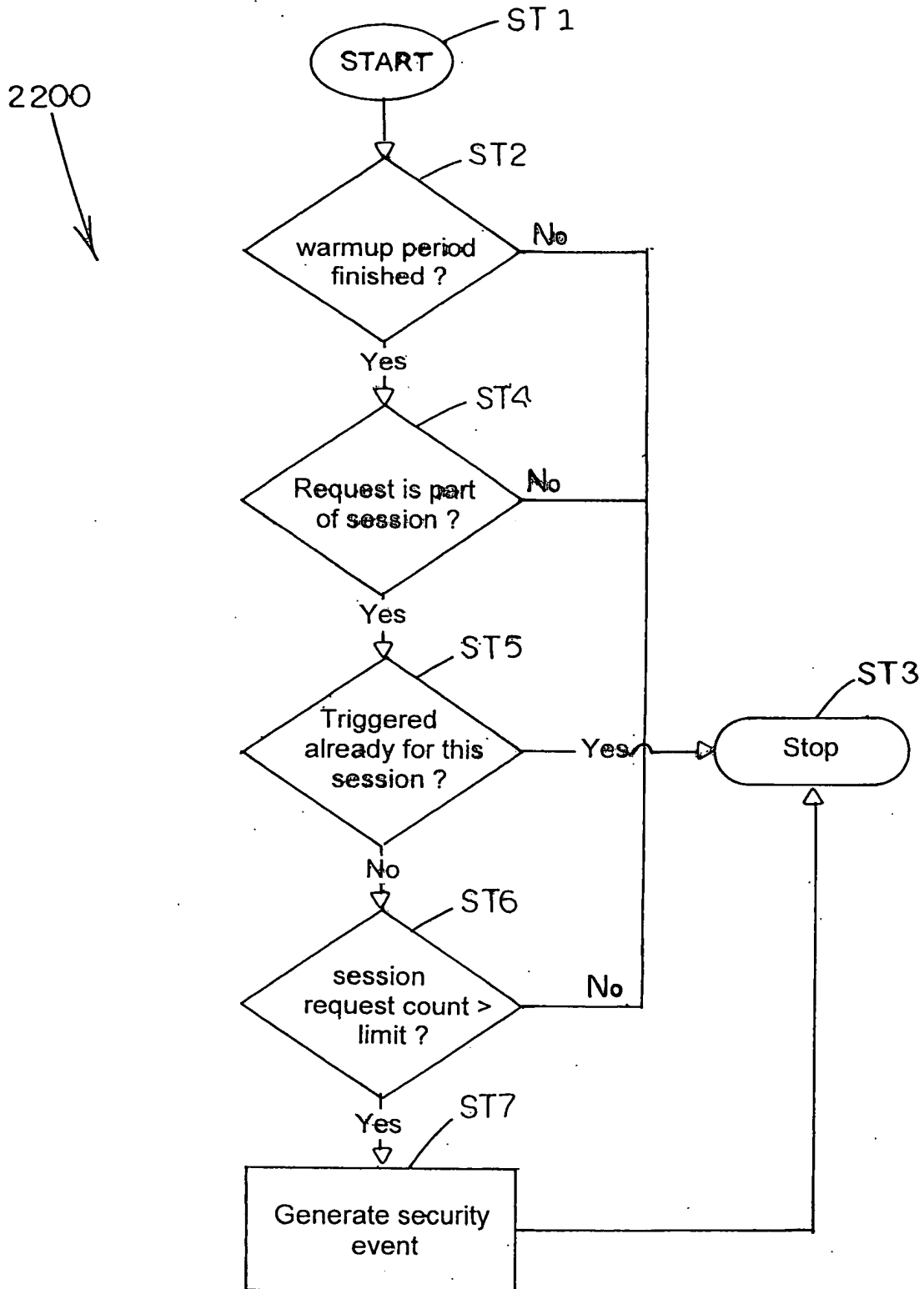


Fig. 22A

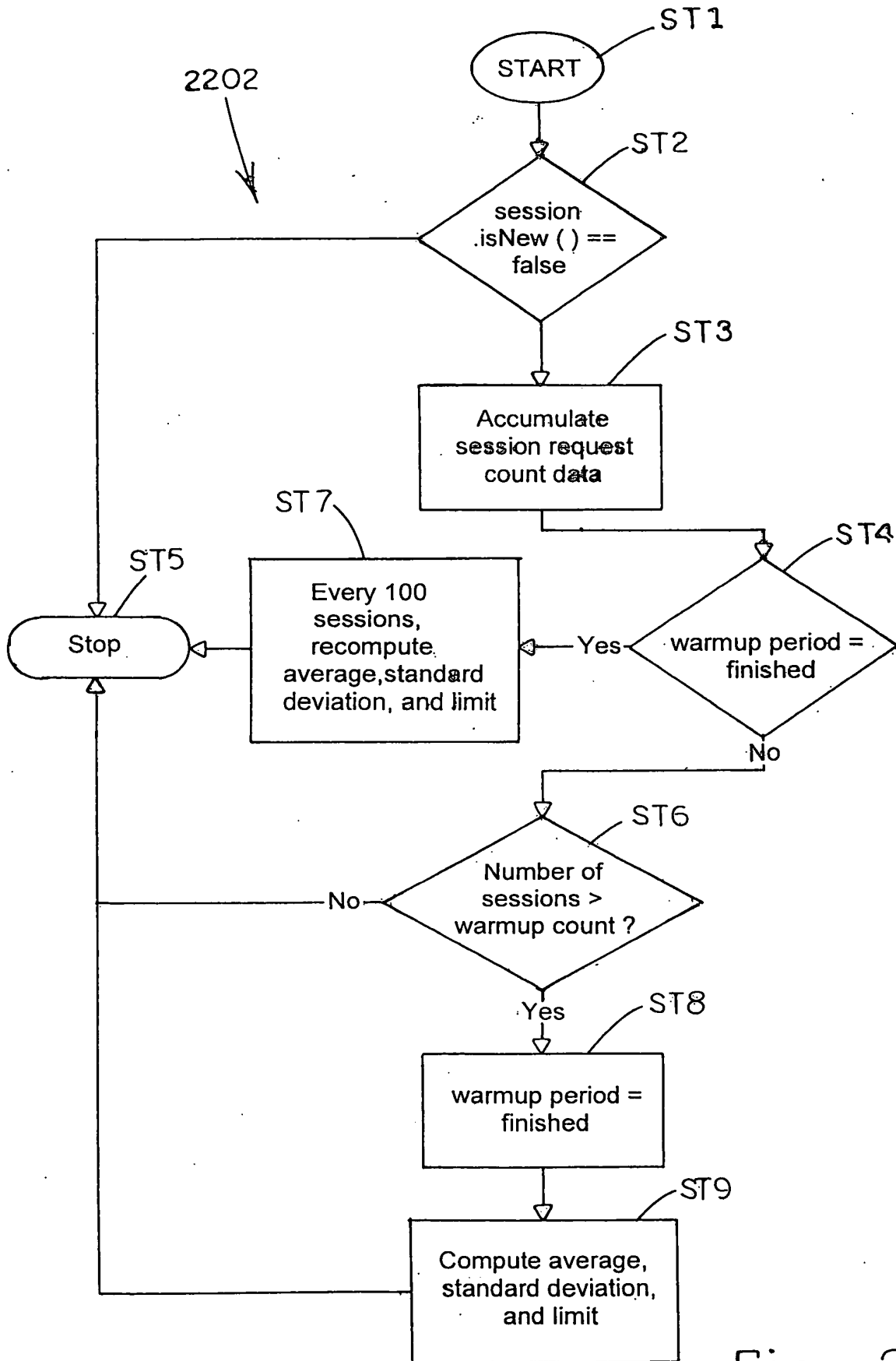
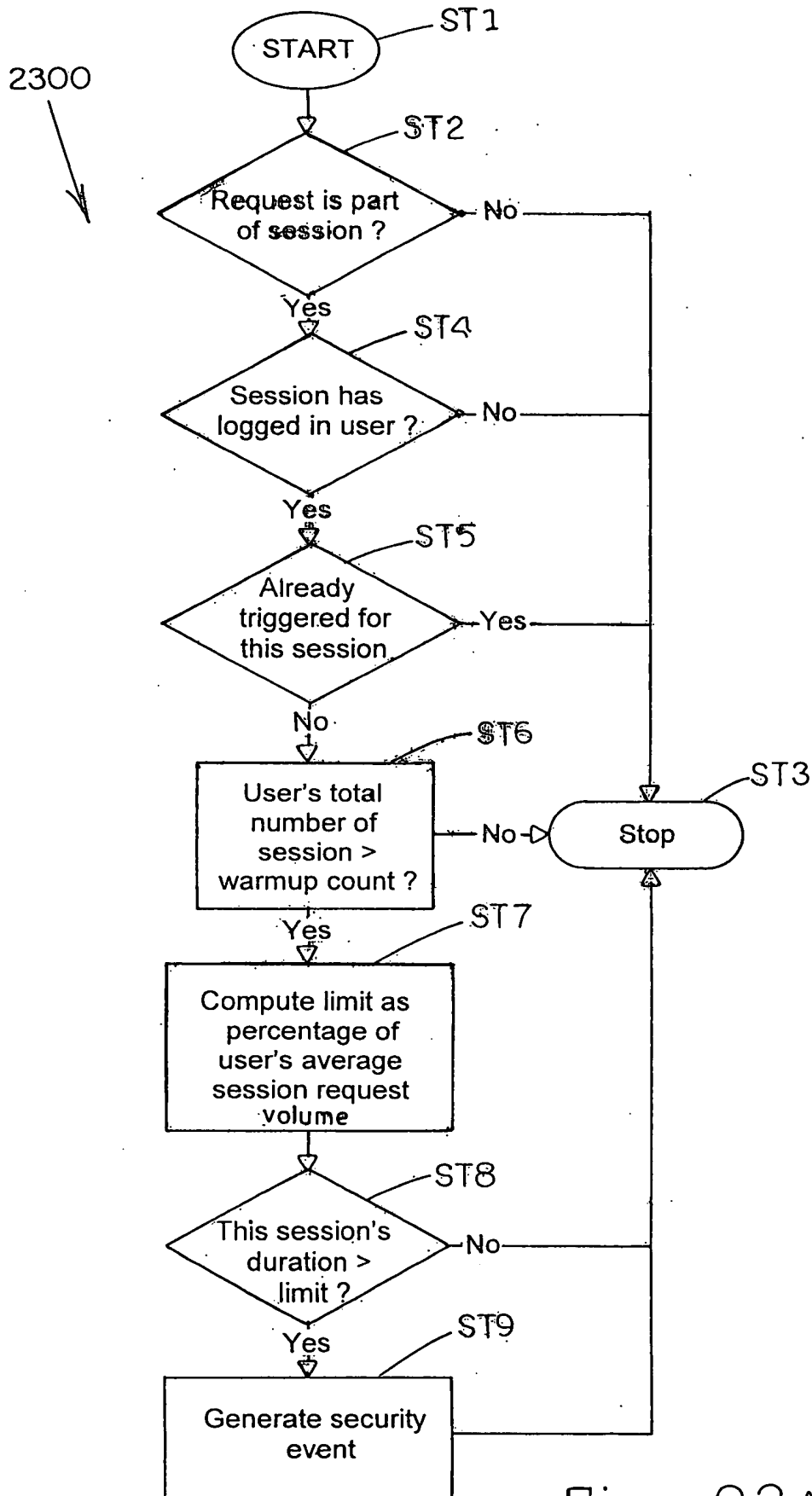


FIG. 22B



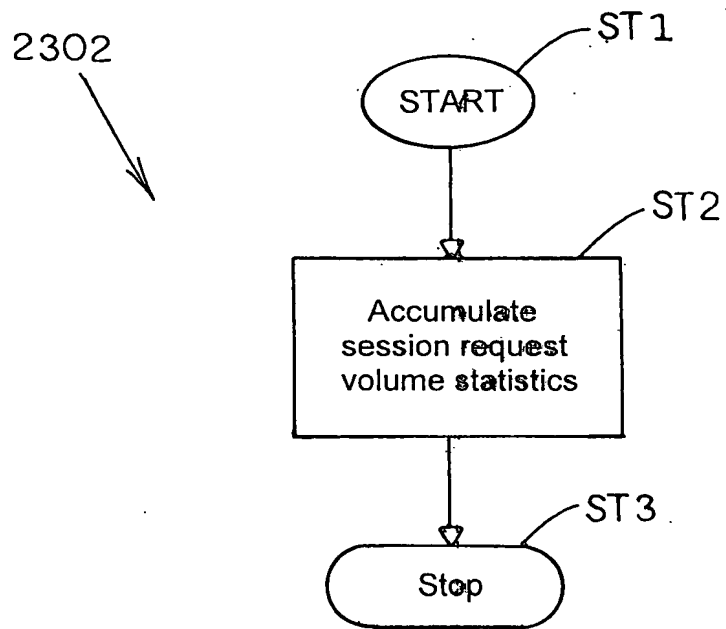


Fig. 23B

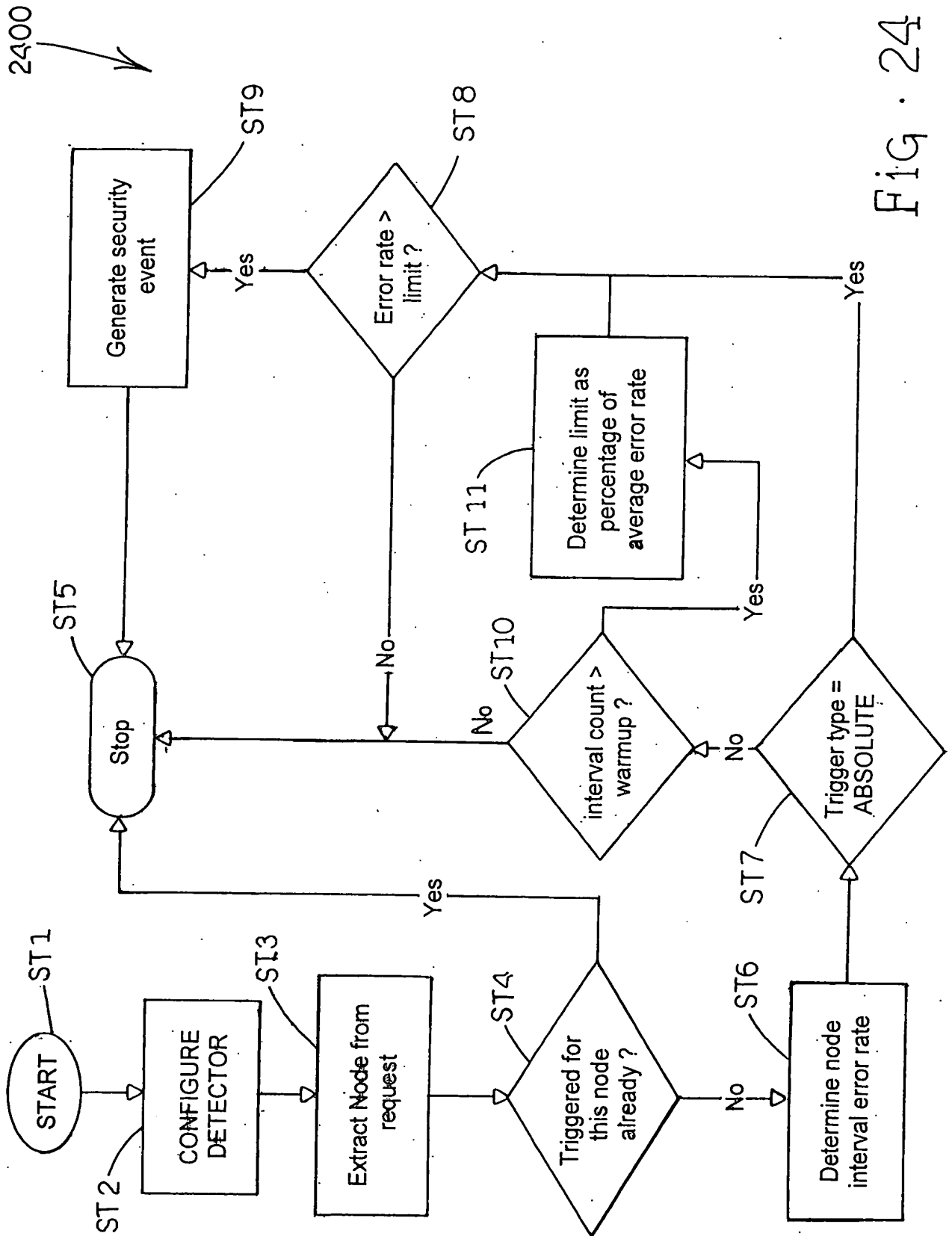


Fig. 24

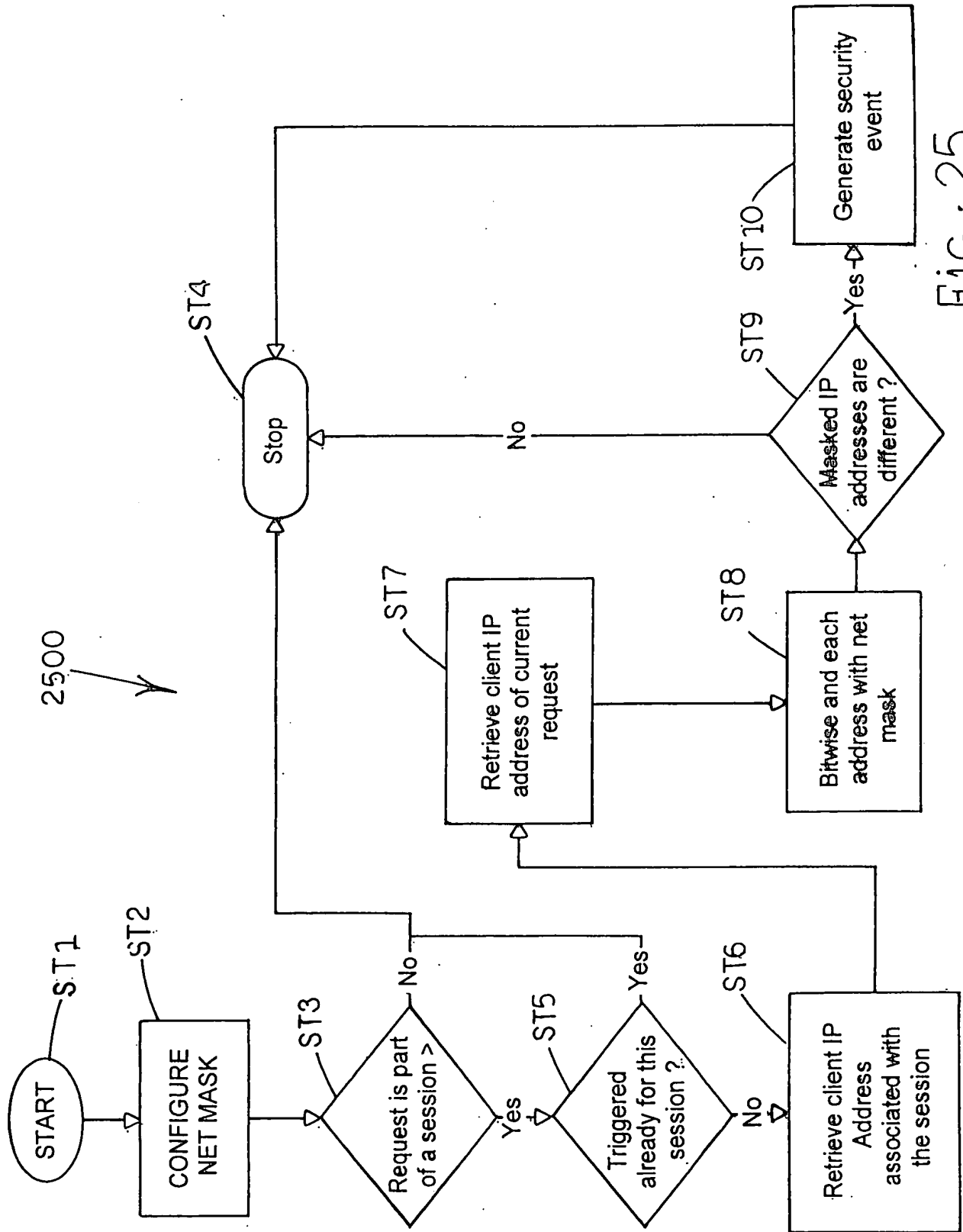


Fig. 25

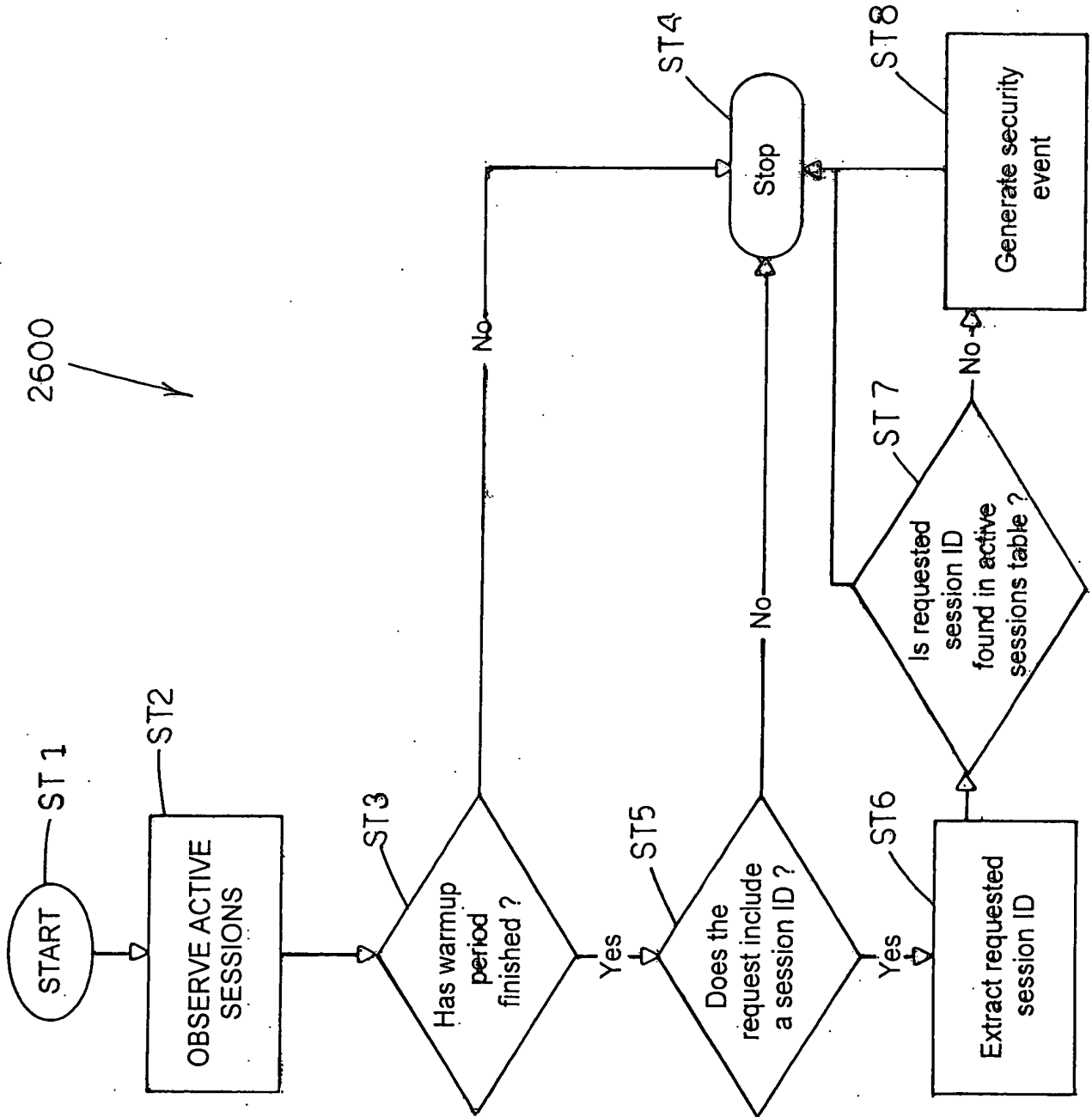


Fig. 26

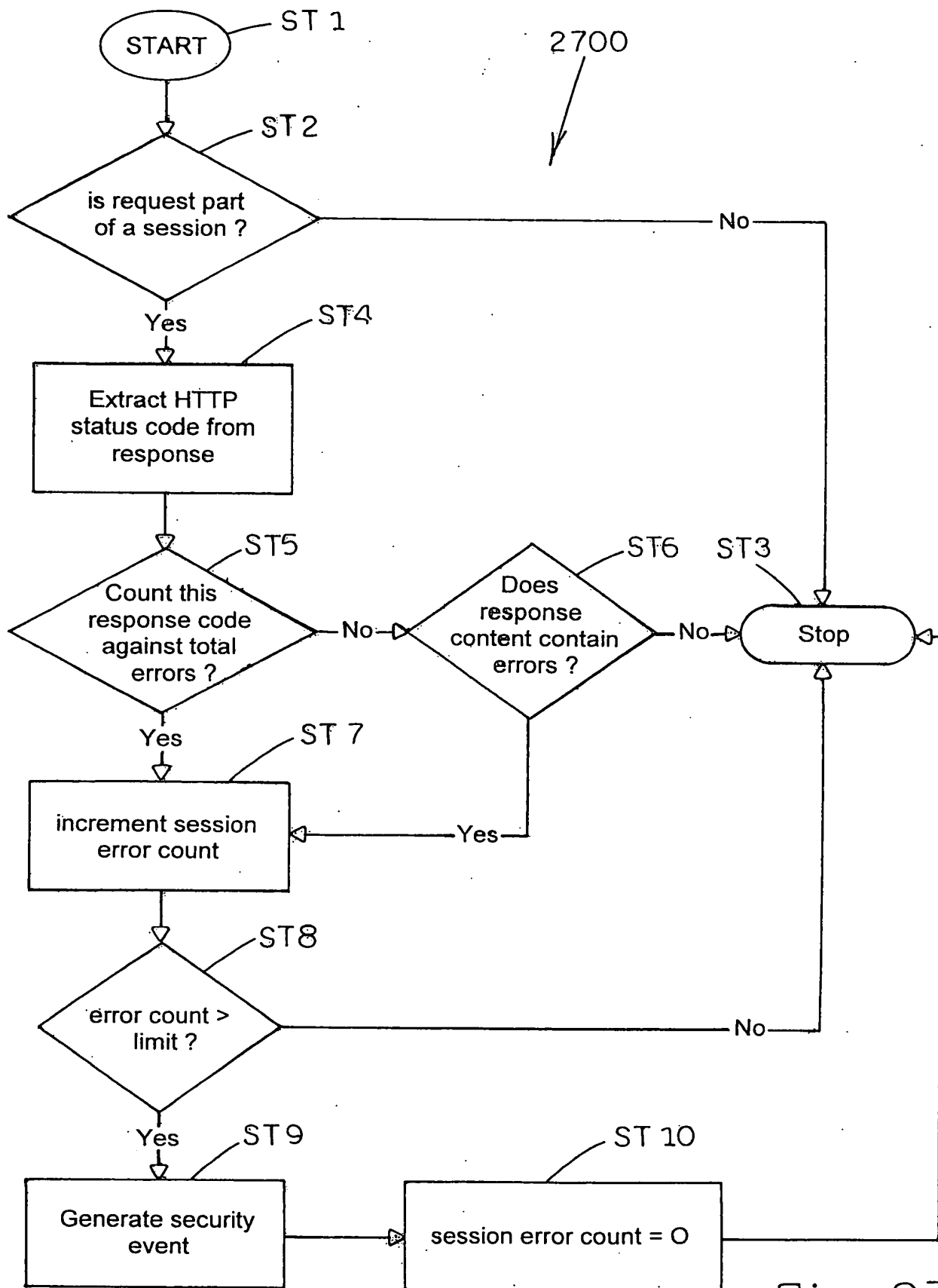
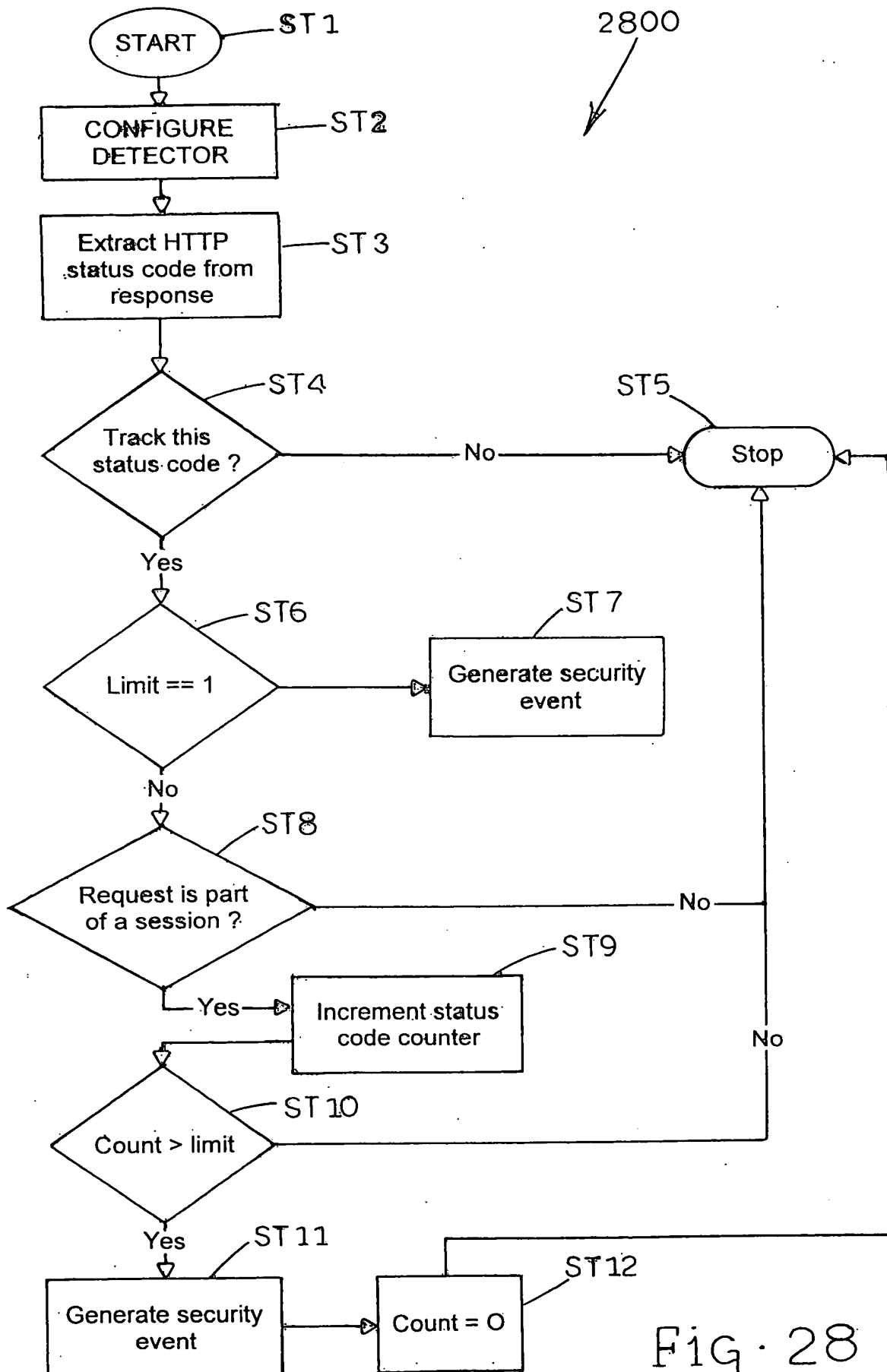


Fig. 27



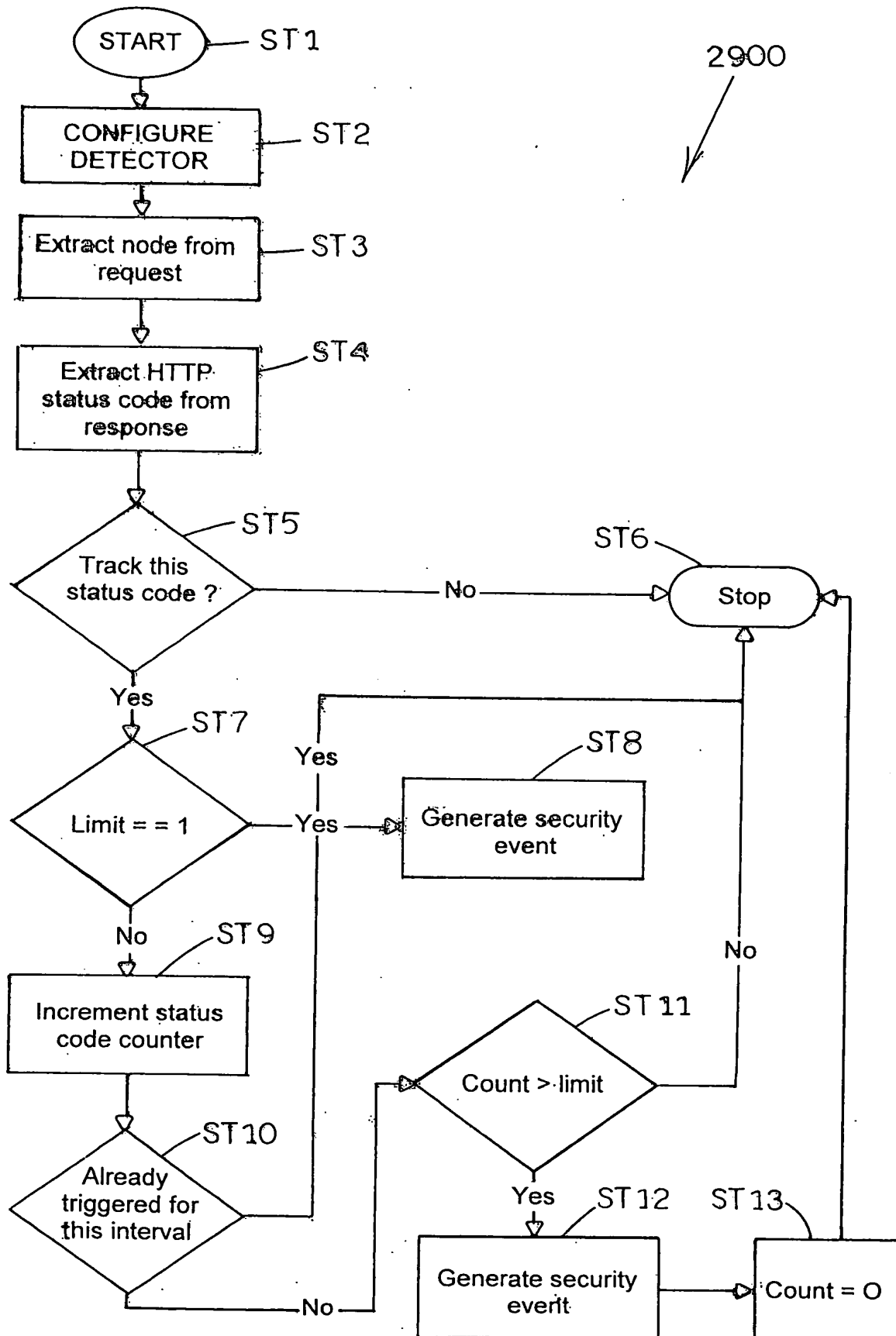


Fig. 29

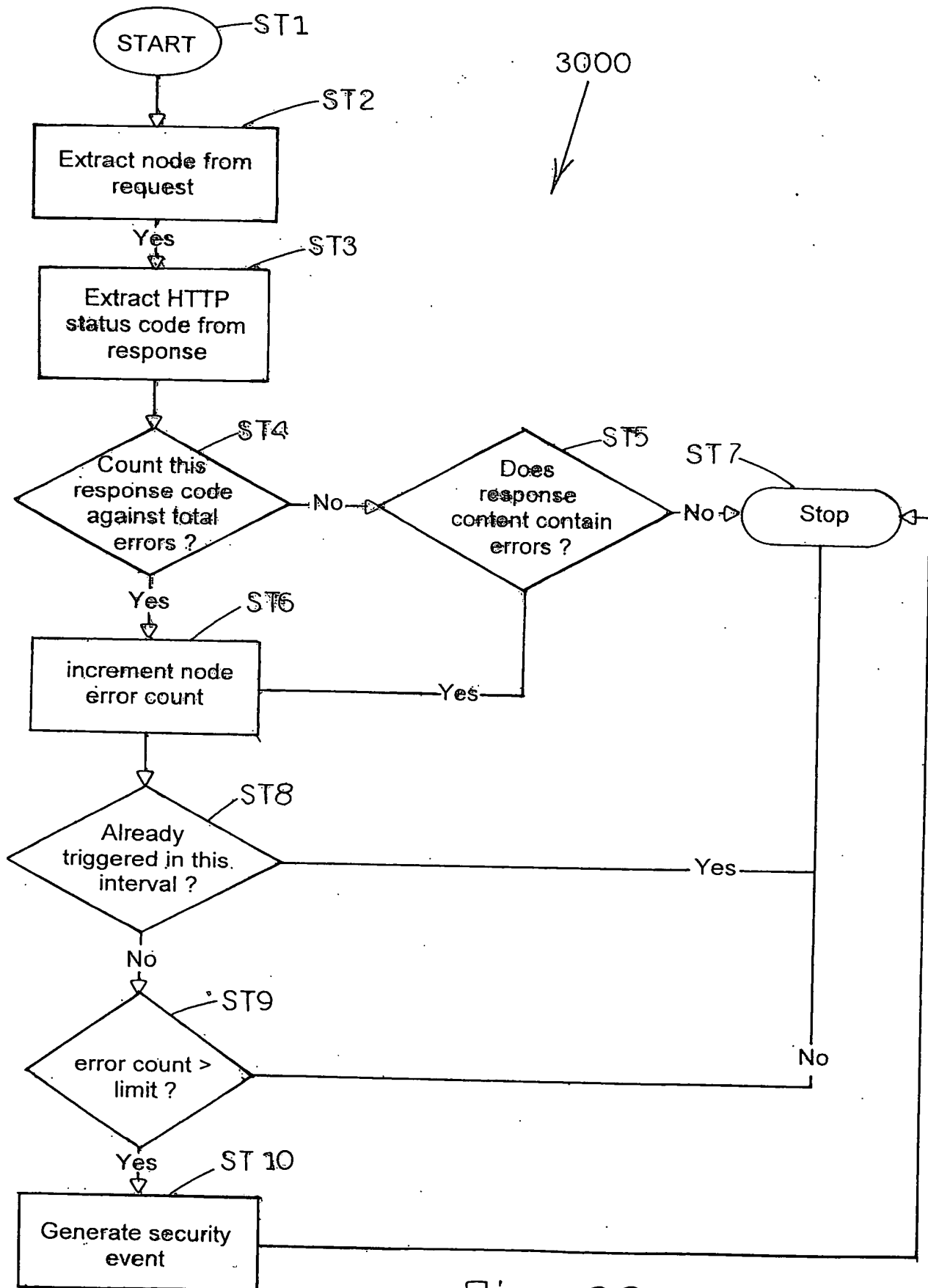


Fig. 30

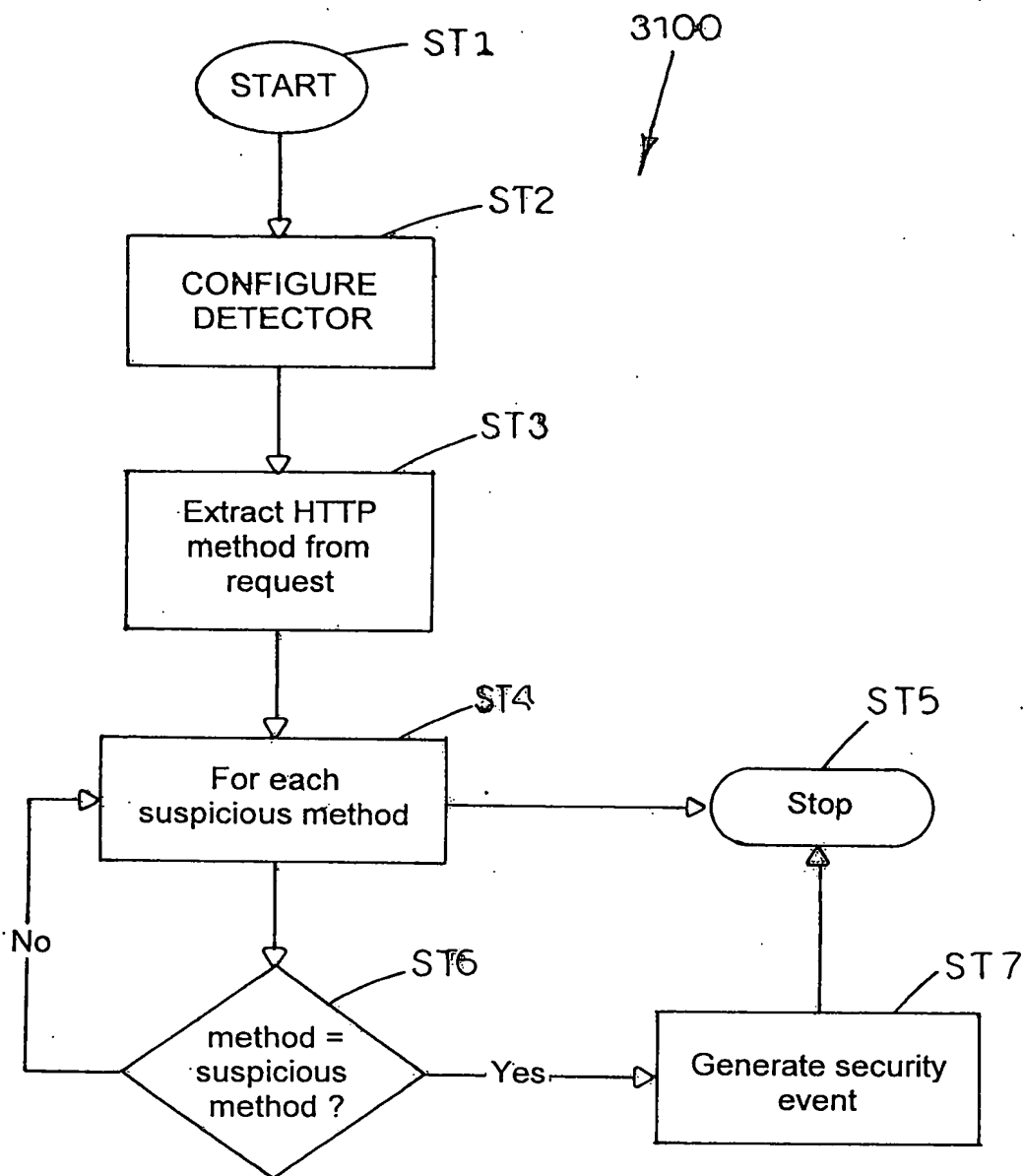


Fig. 31

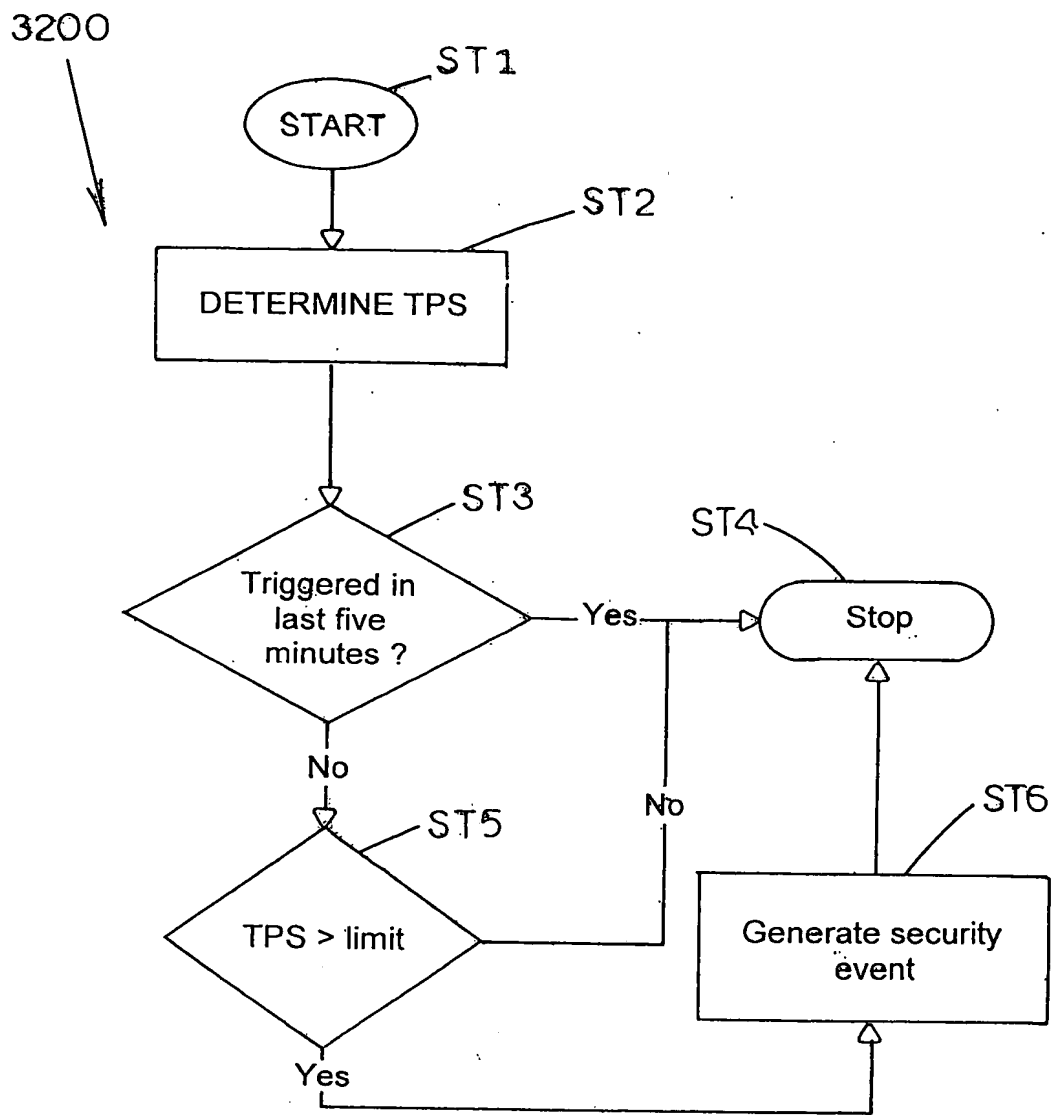


Fig. 32

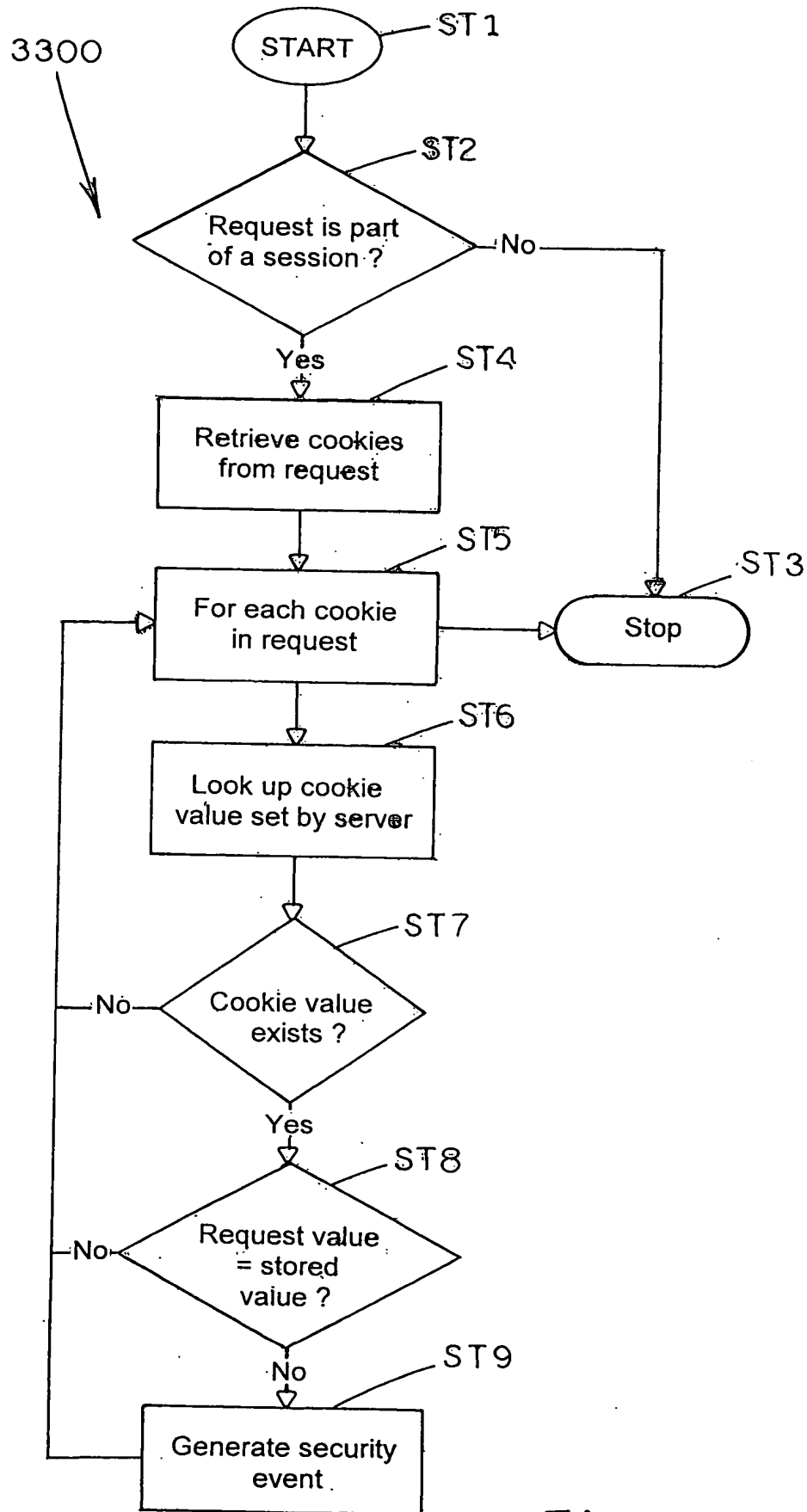


Fig. 33A

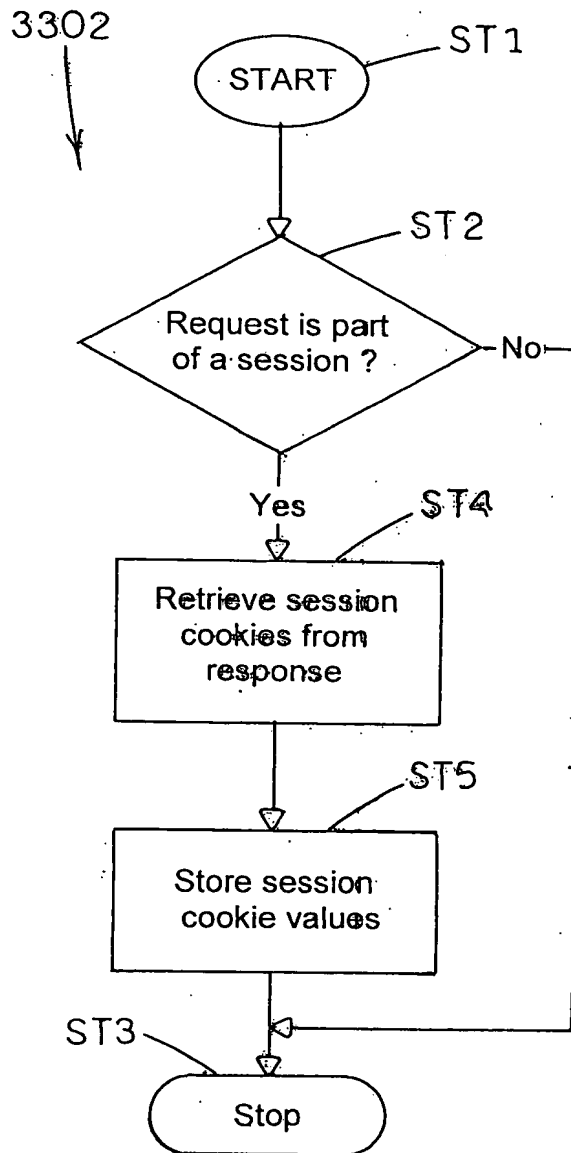


FIG. 33B

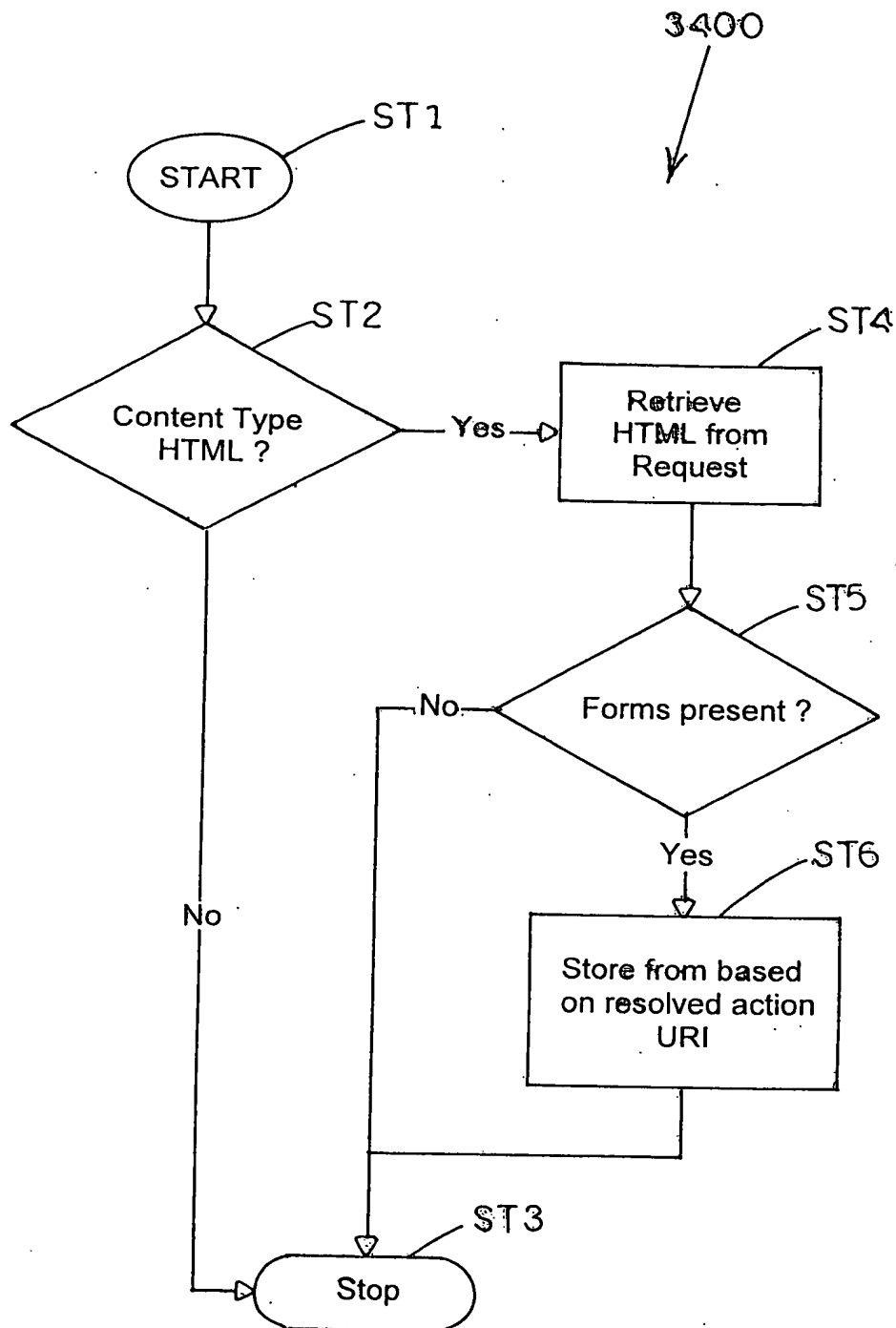


Fig. 34A

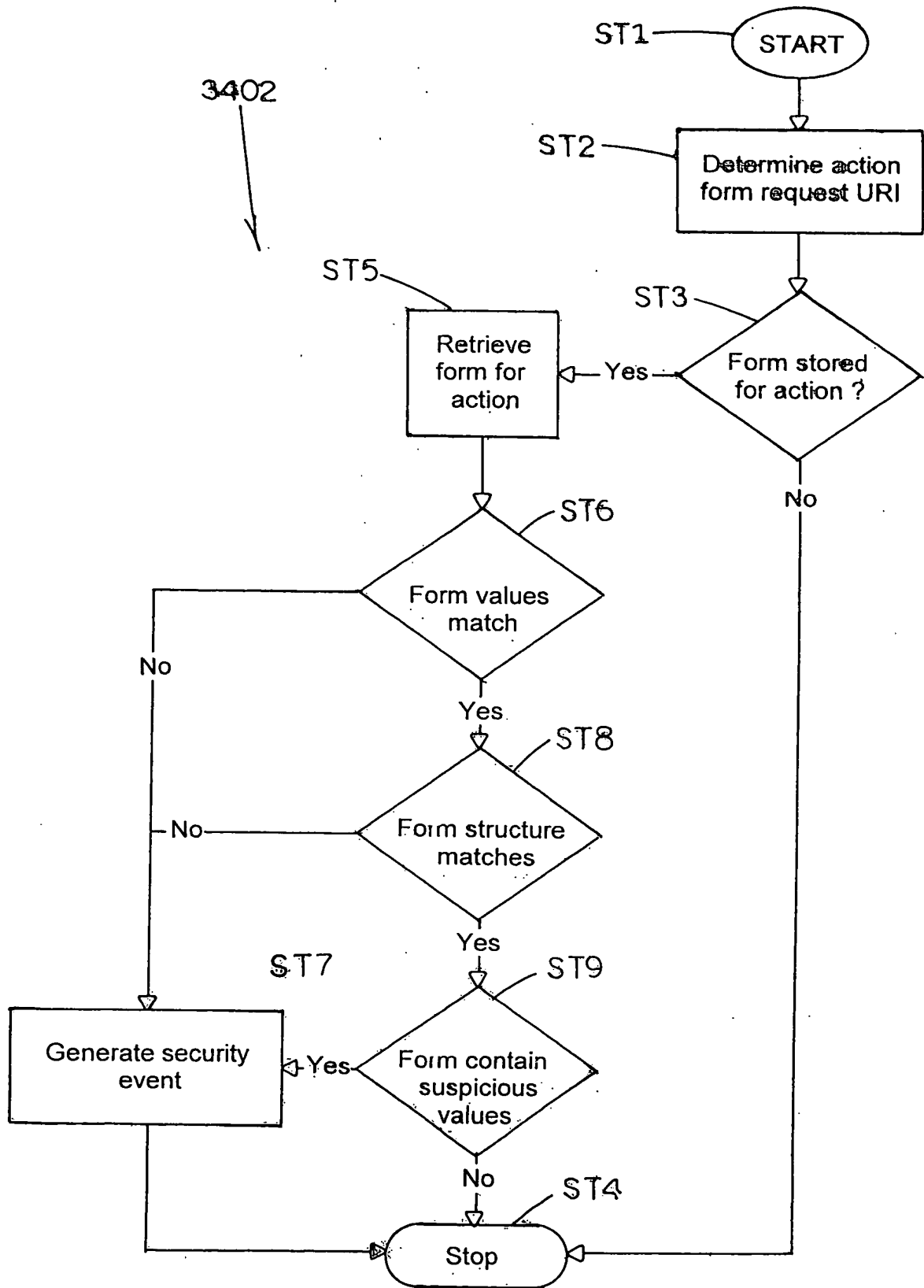


Fig. 34B

3500

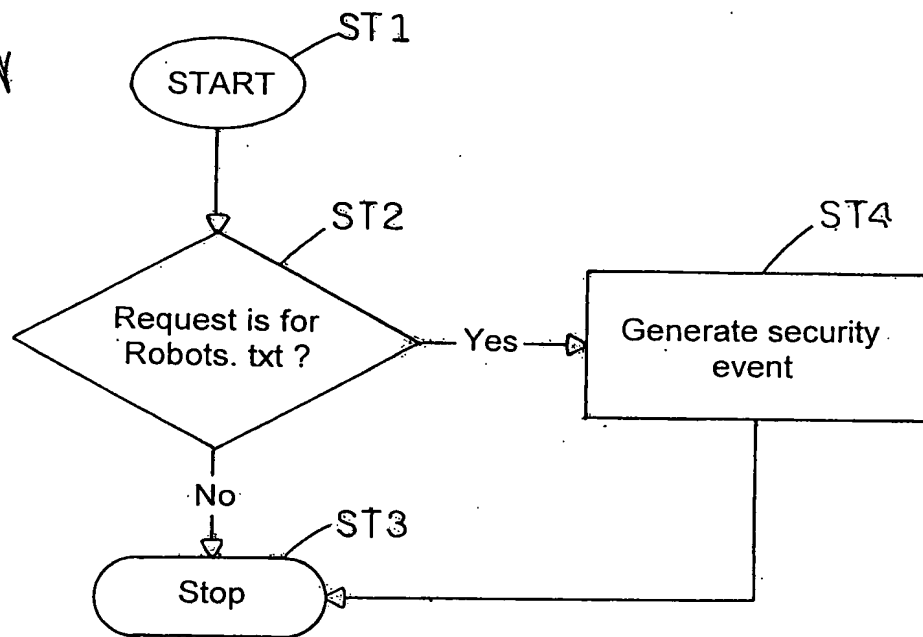


Fig. 35

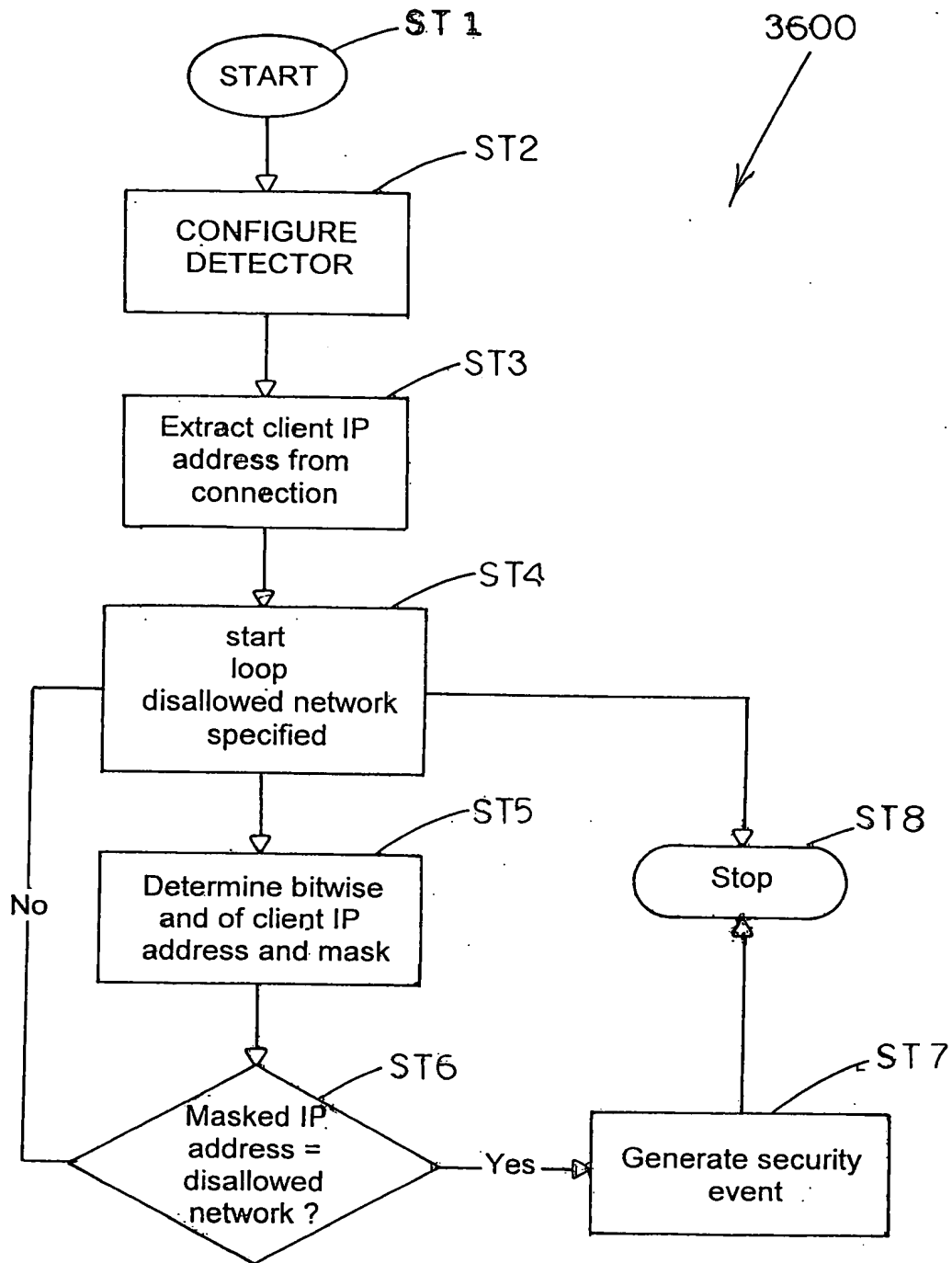


Fig. 36

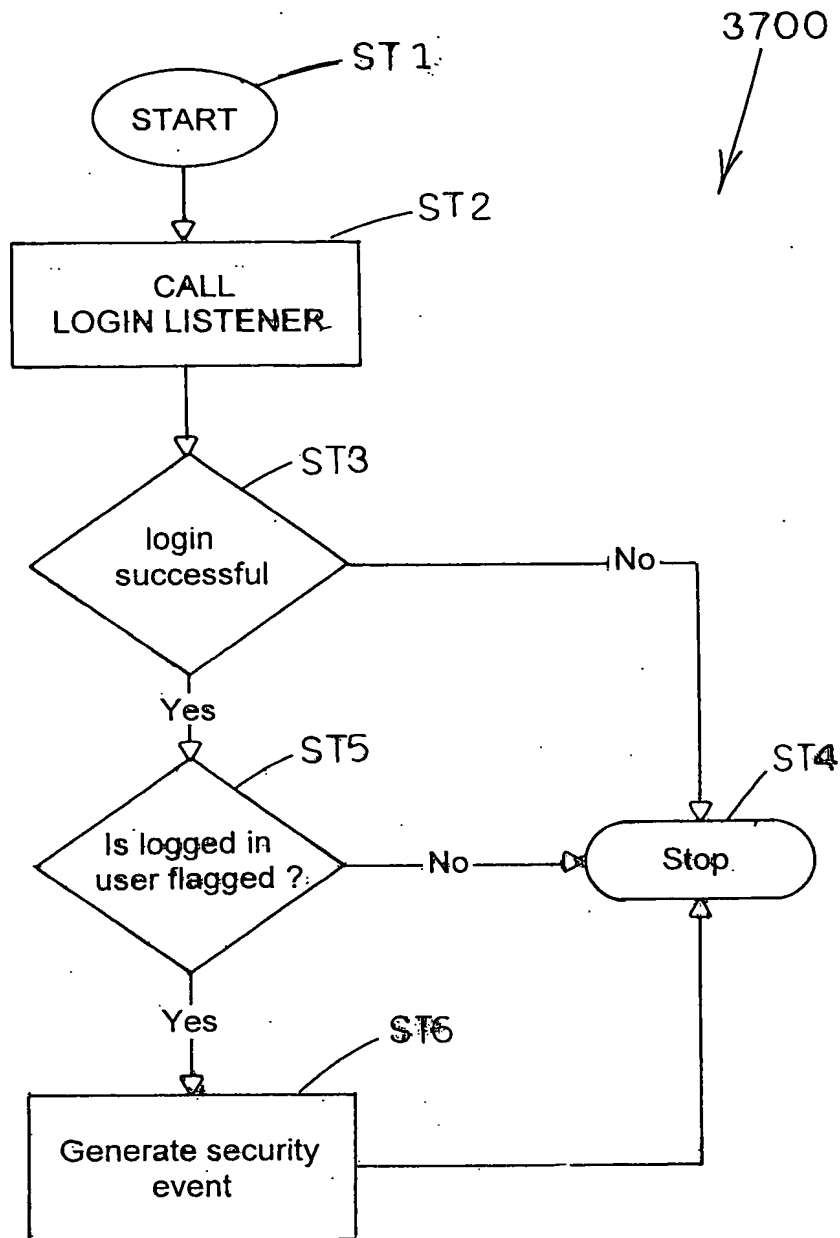


Fig. 37

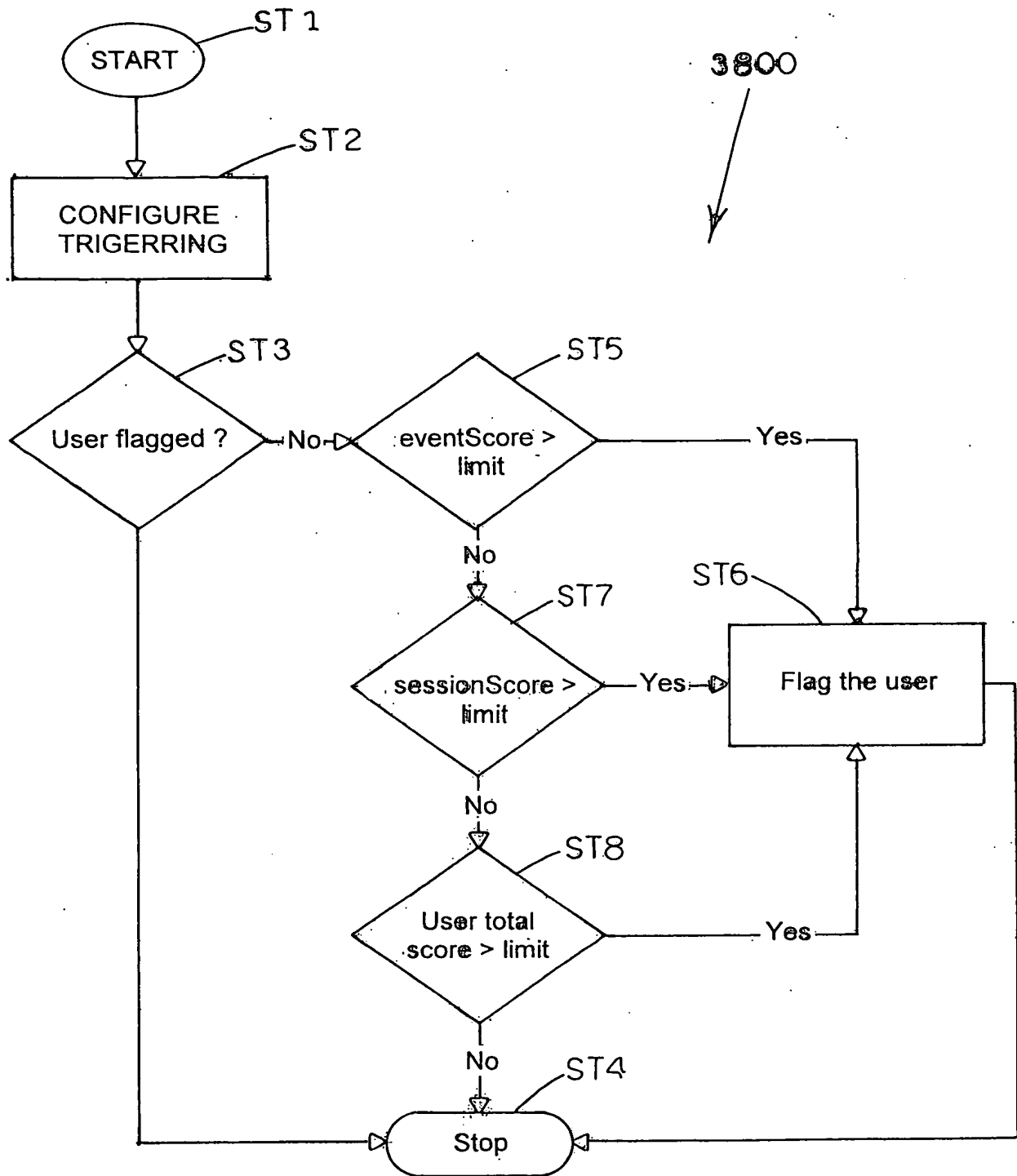
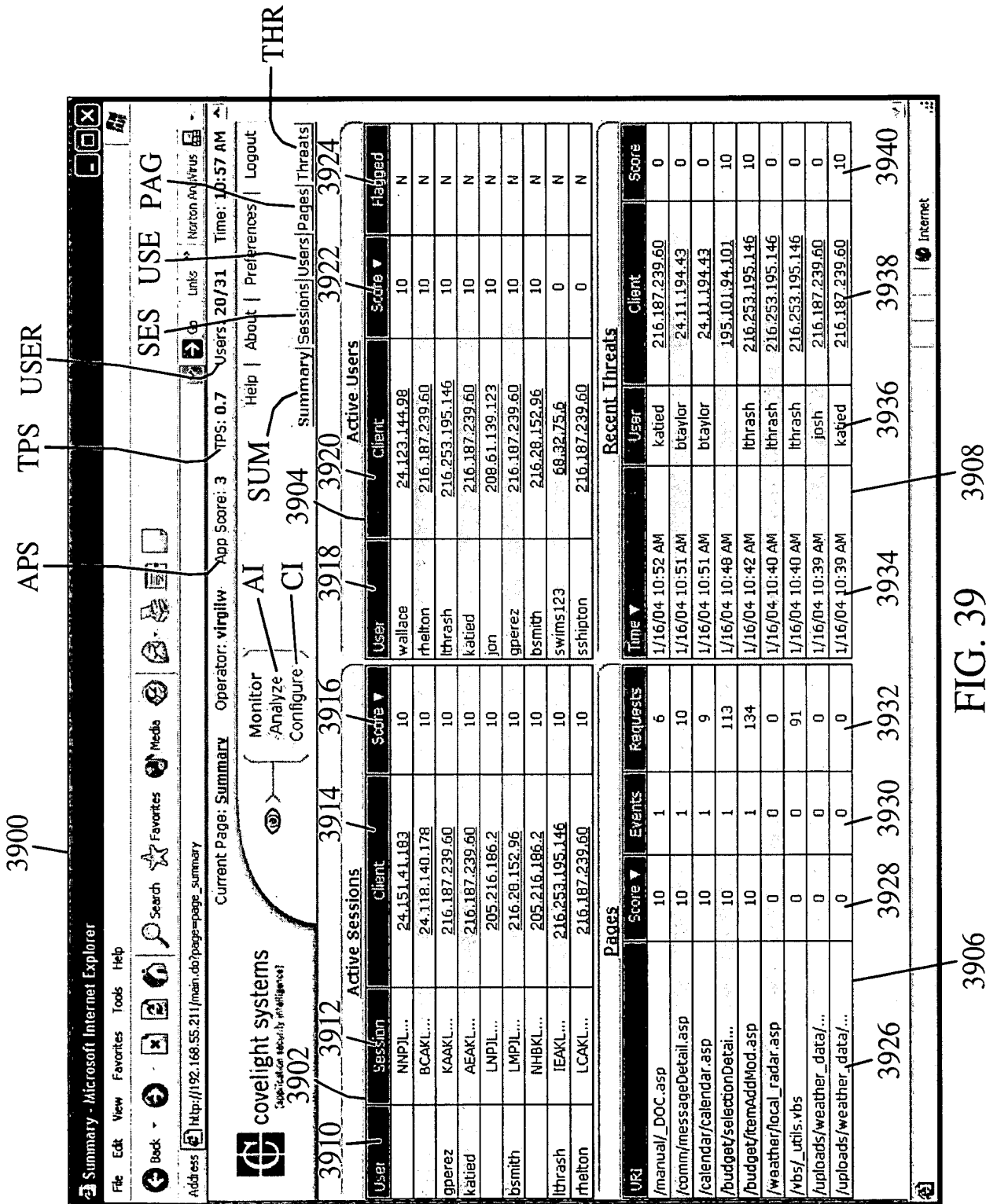


Fig. 38



4000

Microsoft Internet Explorer - Sessions

Address: http://192.168.55.211/main.do?page=page\_sessions

Current Page: Sessions Operator: virgilw App Score: 3 TPS: 0.7 Users: 20/31 Time: 10:58 AM

Navigation: Help | About | Preferences | Logout

Summary | Sessions | Users | Pages | Threats

4028 4030 4018 4020 4022 4024 4026

covelight systems (application secure to intelligence)

Monitor Analyze Configure

Application Sessions

User	Session ID	Threat score	Start time	Requests	Client	Server
Hank.Cyndy	MCBKLCADGOMEPMBJD...	100	1/15/04 8:35 PM	11	205.188.208.168	192.168.2.19
Hank.Cyndy	MCBKLCADGOMEPMBJD...	100	1/16/04 2:13 AM	11	205.188.208.168	192.168.2.19
Hank.Cyndy	MCBKLCADGOMEPMBJD...	100	1/16/04 7:52 AM	11	205.188.208.168	192.168.2.19
?	LOAKLCADHFFMCOCBO...	90	1/16/04 7:19 AM	50	68.118.56.35	192.168.2.19
?	LOAKLCADHFFMCOCBO...	80	1/16/04 1:40 AM	50	68.118.56.35	192.168.2.19
?	LOAKLCADHFFMCOCBO...	80	1/15/04 8:01 PM	50	68.118.56.35	192.168.2.19
katied	AEAKLCADBJNMCKL1...	70	1/16/04 4:55 AM	691	216.187.239.60	192.168.2.19
katied	AEAKLCADBJNMCKL1...	60	1/15/04 11:17 PM	691	216.187.239.60	192.168.2.19
?	JCBKLCADCCBPNCFP...	50	1/16/04 2:13 AM	4	205.188.209.78	192.168.2.19
?	JDBKLCADHMBMKFHC...	50	1/15/04 8:45 PM	7	64.12.96.42	192.168.2.19
?	ECBKLCADBLJHMFPA...	50	1/16/04 7:48 AM	17	198.81.26.40	192.168.2.19
?	NBBKLCADABKLPBGMG...	50	1/16/04 7:42 AM	2	198.81.26.175	192.168.2.19
?	NBBKLCADABKLPBGMG...	50	1/16/04 2:03 AM	2	198.81.26.175	192.168.2.19
?	LJAKLCADITEHPOGPI...	50	1/16/04 12:32 AM	1	152.163.252.2	192.168.2.19
?	ECBKLCADBLJHMFPA...	50	1/16/04 2:09 AM	17	198.81.26.40	192.168.2.19

Showing 1-15 of 500 (135 Total Items)

4004 4006 4008 4010 4012 4014 4016

Internet

THR

SUM

FIG. 40A

4032

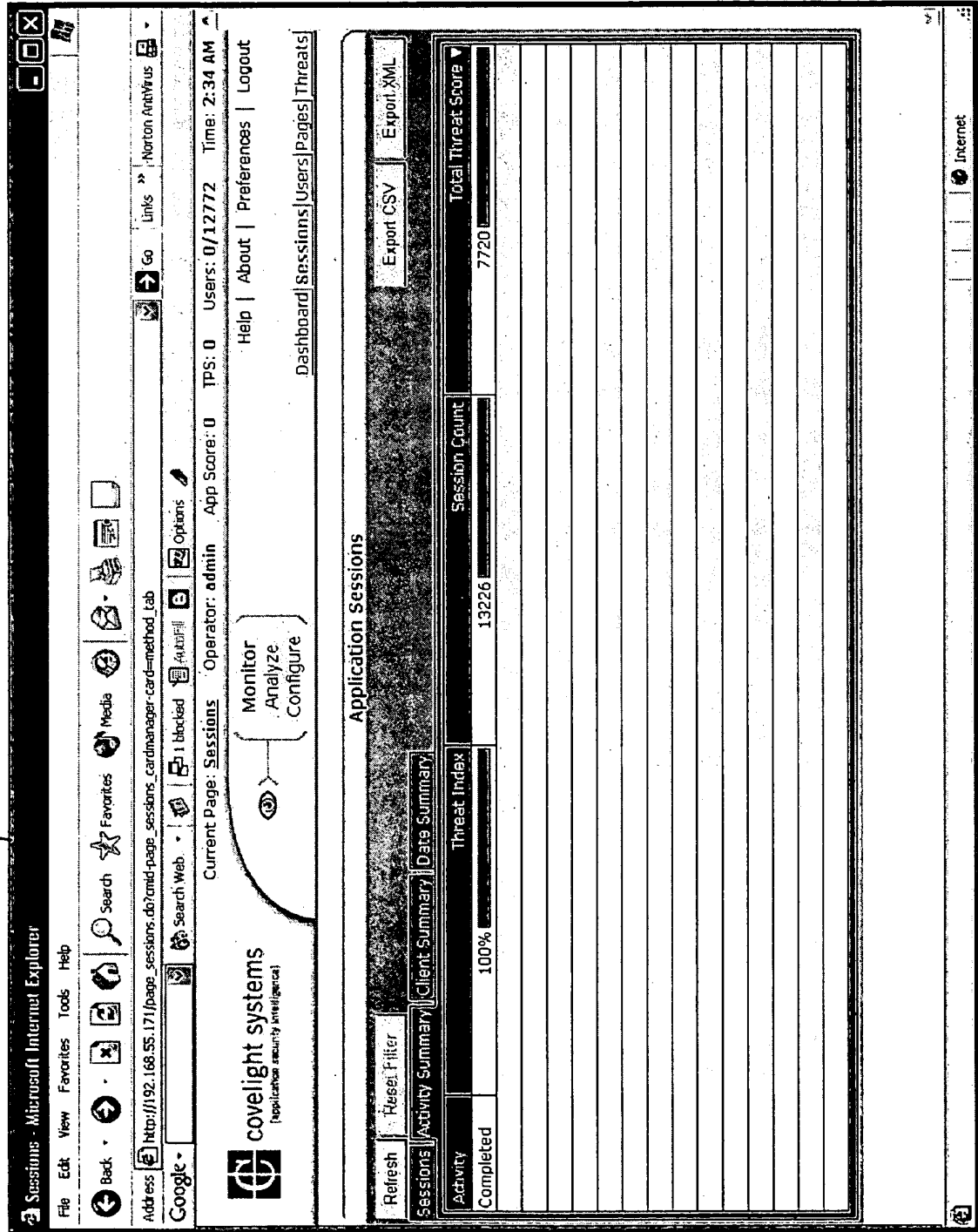


FIG. 40B

4034

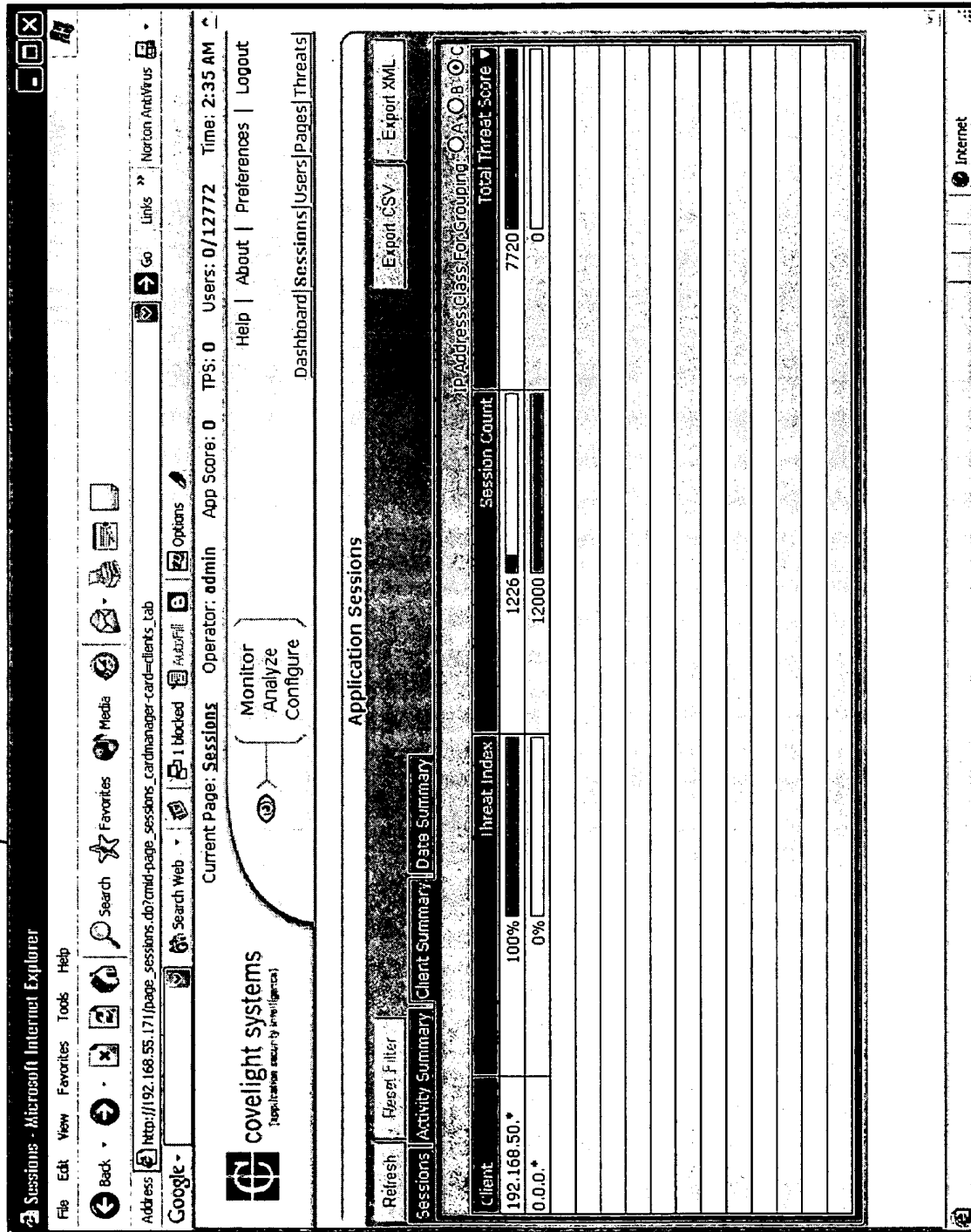


FIG. 40C

4036

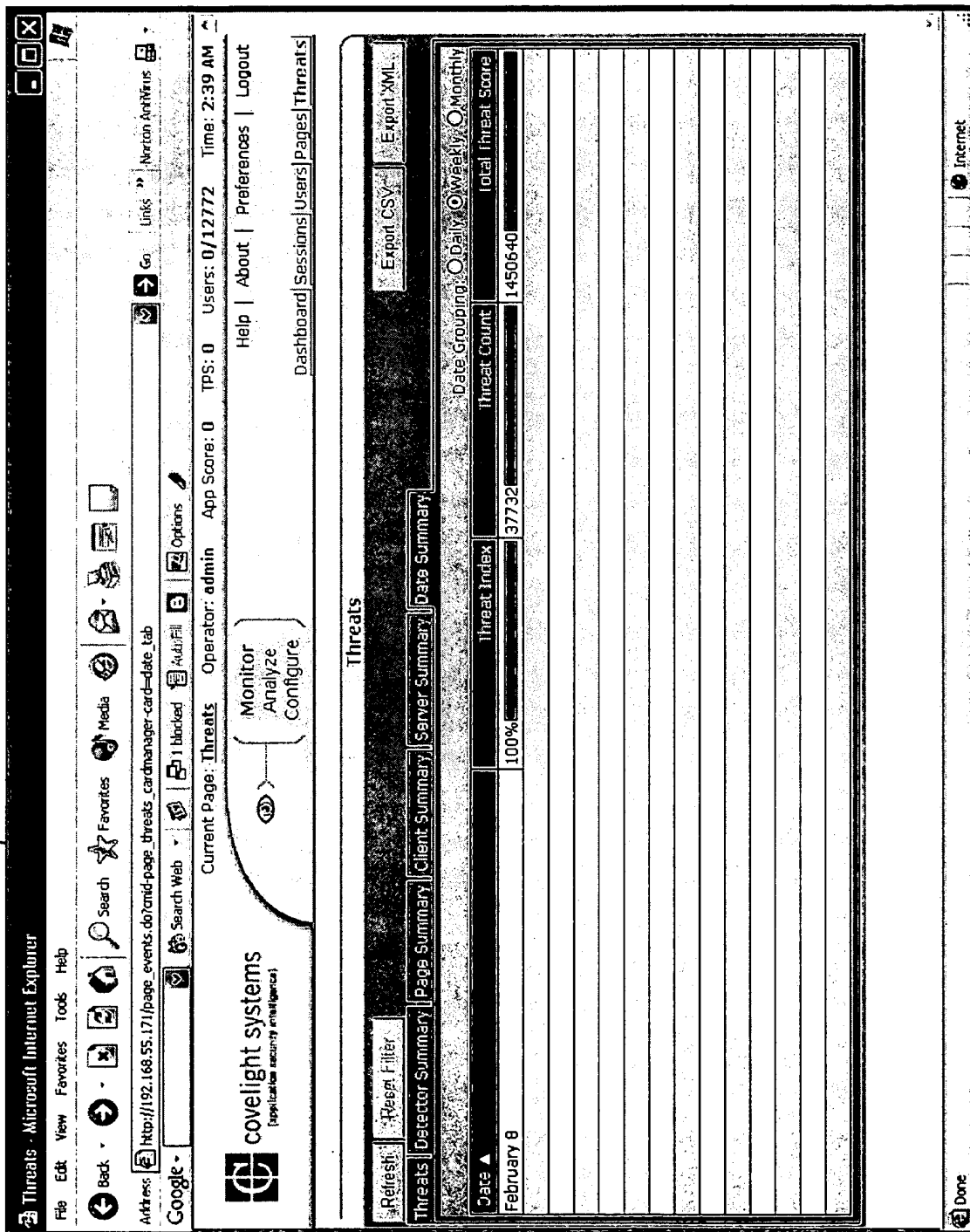


FIG. 40D

4100

Session Detail - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Search Favorites Media

Address: [http://192.168.55.211/page\\_sessions.do?rowlink=1074216912834120&tabindex=0&tabid=page\\_sessions\\_table](http://192.168.55.211/page_sessions.do?rowlink=1074216912834120&tabindex=0&tabid=page_sessions_table)

Current Page: Sessions / Session Detail Operator: virgilw App Score: 3 TPS: 0.4 Users: 20/31 Time: 11:04 AM

Monitor Analyze Configure

Session Detail

Session: MCBKLCADGONEDMBJDMNCAEON 1/500 Next

User: Hank.Cyndy (Search) Login Method: Login Form

Start Time: 1/15/04 8:35 PM Last Accessed Time: 1/15/04 8:36 PM

Client IP Address: 205.188.208.168 (Search) Server IP Address: 192.168.2.19

Session Threat Score: 100 Request Count: 11

Threats: 4

View Transactions View Threats

Internet

Done

THR

SUM

4104

4102

FIG. 41

4200

Users - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Search Favorites Media

Address: http://192.168.55.211/main.do?page=page\_users

Current Page: Users Operator: vrgillw App Score: 3 TPS: 0.5 Users: 20/31 Time: 10:58 AM

Help | About | Preferences | Logout

Monitor Analyze Configure

covelight systems  
(application security intelligence)

Summary Sessions Users Pages Threats

4220 4222 4224 4226 4228

Export CSV Export XML

User	Current Score	Max Score	Total Score	Total Requests	Avg Requests	Client	Flagged
wallace	10	10	50	82	13	24.123.144.98	N
rhelton	10	20	40	60	20	216.187.239.60	N
lthrash	10	30	100	520	57	216.253.195.146	N
kated	10	70	80	1382	172	216.187.239.60	N
jon	10	25	50	888	296	208.61.139.123	N
gperez	10	20	40	212	70	216.187.239.60	N
bsmith	10	20	40	258	86	216.28.152.96	N
swims123	0	10	20	124	41	68.32.75.6	N
sshipton	0	10	20	36	12	216.187.239.60	N
sdarden	0	10	20	78	26	198.143.244.44	N
scavender	0	10	30	15	5	216.187.239.60	N
rwarburton	0	40	160	506	46	216.187.239.60	N
mtaylor	0	20	50	598	149	66.180.103.154	N

Showing 1-13 of 31 (61 Total Items)

Refresh Reset Filter

Users | Flagged Summary | Client Summary | Last Login Summary

4204 4206 4202 4208 4210 FIG. 42 4212 4214 4216 4218

Reset Delete Search

Internet

4300

**Users - Microsoft Internet Explorer**

File Edit View Favorites Tools Help

Address: [http://192.168.55.211/page\\_users.do?rowIndex=0&tabId=page\\_users\\_table](http://192.168.55.211/page_users.do?rowIndex=0&tabId=page_users_table)

Current Page: **Users** / **User Detail** Operator: **virgilw** App Score: **3** TPS: **0.2** Users: **20/31** Time: **11:05 AM**

Navigation: **Users** | **Sessions** | **Users** | **Pages** | **Threats**

Help | About | Preferences | Logout

**Monitor** **Analyze** **Configure**

**covelight systems**  
 (Application Security Intelligence)

**User Detail**

**User: wallace**

Current Threat Score:	10	Last Login Time:	1/16/04 9:33 AM
Average Session Score:	8	Longest Session Duration:	1m 36s
Highest Session Score:	10	Average Session Duration:	52 s
Total Threat Score:	50	Total Session Time:	5m 13s
Total Threat Count:	11	Last Client IP Address:	24.123.144.98 &nbsp; (Search)
Total HTTP Requests:	82	Last Server IP Address:	192.168.2.19
Average HTTP Requests Per Session:	13	Active Sessions:	2
Last Reset:	Never	Total Sessions:	6

View Transactions View Threats

Flagged: ☐ Notes:

Apply

1/31 Next

Done

THR

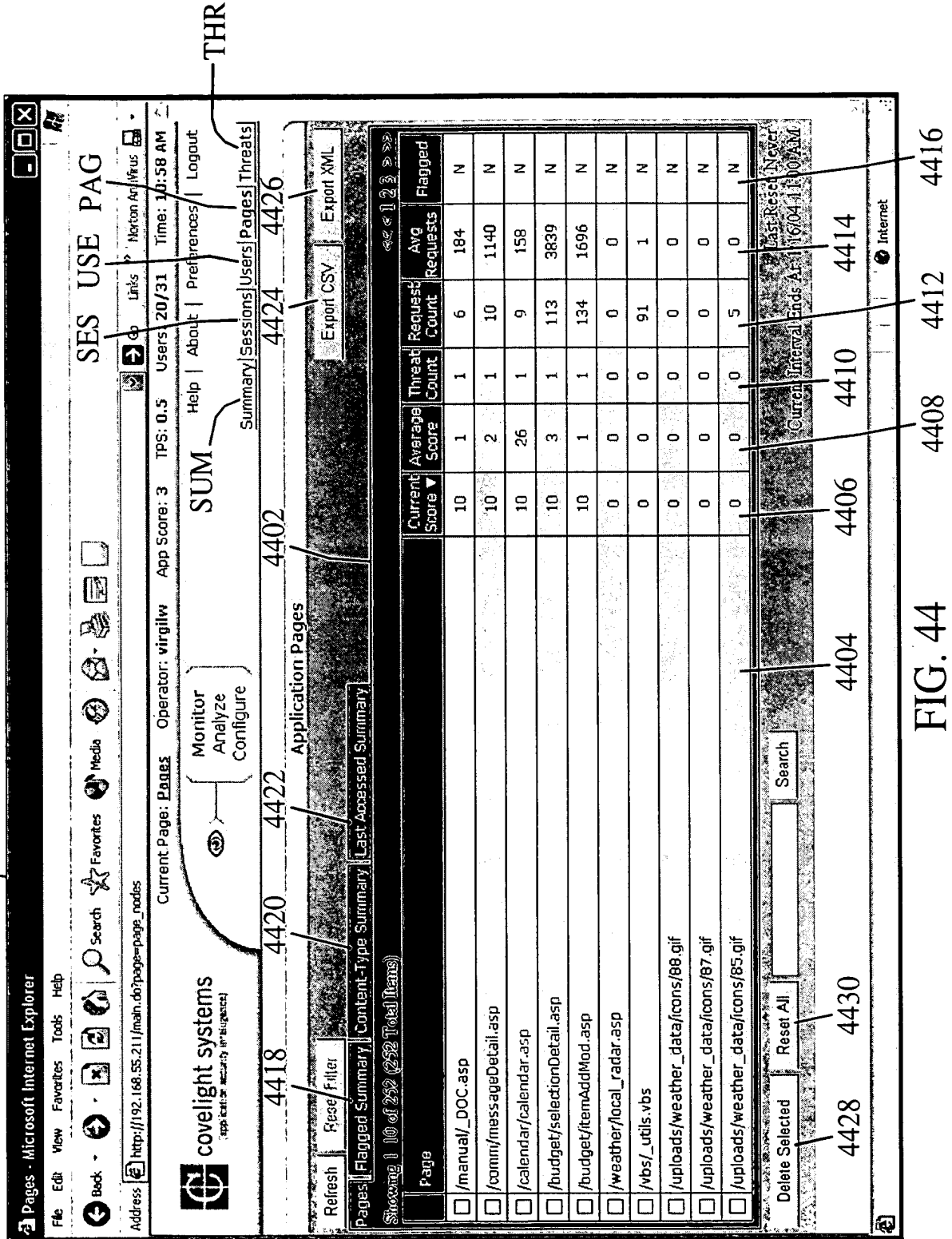
SUM

4304

4302

FIG. 43

4400



4500

Page Detail - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Search Favorites Media

Address http://192.168.55.211/page\_nodes.do?rowlink=%2Fmanual%2F\_DOC.asp&tableIndex=0&tableId=page\_nodes\_table

Current Page: Pages / Page Detail Operator: vlrqilw App Score: 3 TPS: 1.2 Users: 20/31 Time: 11:05 AM

Monitor Analyze Configure

Help About Preferences Logout

Summary Sessions Users Pages Threats

SES USE PAG

Page Detail

Page: /manual/_DOC.asp	
Content-Type: text/html (Search)	1/252 Next>
Total Score: 30	Max Interval Score: 10
Total Threat Count: 3	Interval Score: 0
Total Request Count: 88	Interval Threat Count: 0
Average Score: 1	Interval Request Count: 0
Interval Count: 19	Average Response Time: 0
Last Accessed: 1/16/04 10:16 AM	Previous Interval Score: 10
View Transactions View Threats	Flagged: <input type="checkbox"/> Apply
Last Reset: never	
Current Interval Ends At: 1/16/04 12:00 PM	

Done Internet

THR

SUM

4504

4502

FIG. 45

4600

Threats - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Search Favorites Media

Address: http://192.168.55.211/main.do?page=page\_events

Current Page: Threats Operator: virgilw App Score: 3 TPS: 0.5 Users: 20/31 Time: 10:50 AM

Help About Preferences Logout

Monitor Analyze Configure

Summary Sessions Users Pages Threats

4618 4620 4622 4624 4626 4628 4630

Threats

Refresh Free Filter

Threats Detector Summary Page Summary Client Summary Server Summary Date Summary

Showing 1 of 104 (104 Total Items)

Timestamp	Score	Detector	Request URL	User	Flagged	Client
1/15/04 11:53 PM	20	Simultaneous login	/project/project.asp	rw.arburton	N	216.187.239.60
1/15/04 11:45 PM	10	Login time does not match acceptable window	/auth/login.asp	rw.arburton	N	65.140.140.189
1/15/04 11:45 PM	0	User login	/auth/login.asp	rw.arburton	N	65.140.140.189
1/15/04 11:35 PM	10	Login time does not match acceptable window	/auth/login.asp	katied	N	216.187.239.60
1/15/04 11:35 PM	0	User login	/auth/login.asp	katied	N	216.187.239.60
1/15/04 11:33 PM	10	Login time does not match acceptable window	/auth/login.asp	btaylor	N	24.11.194.43
1/15/04 11:33 PM	0	User login	/auth/login.asp	btaylor	N	24.11.194.43
1/15/04 11:33 PM	10	Login time does not match acceptable window	/auth/login.asp	btaylor	N	24.11.194.43
1/15/04 11:33 PM	0	User login	/auth/login.asp	btaylor	N	24.11.194.43
1/15/04 11:31 PM	10	Web crawler	/robots.txt	?	N	195.101.94.101
1/15/04 11:23 PM	10	Login time does not match acceptable window	/auth/login.asp	lthrash	N	216.253.195.146
1/15/04 11:23 PM	0	User login	/auth/login.asp	lthrash	N	216.253.195.146
1/15/04 11:23 PM	10	Login time does not match acceptable window	/auth/login.asp	lthrash	N	216.253.195.146
1/15/04 11:23 PM	0	User login	/auth/login.asp	lthrash	N	216.253.195.146
1/15/04 11:22 PM	10	Login time does not match acceptable window	/auth/login.asp	josh	N	216.187.239.60

4604 4606 4602 4608 4610 4612 4614 4616

Internet

FIG. 46A

4632

Threats - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Search Favorites Media AutoFill Options

Address [http://192.168.55.171/page\\_events.do?cmd=page\\_threats\\_cardmanager-card-detector\\_tab](http://192.168.55.171/page_events.do?cmd=page_threats_cardmanager-card-detector_tab)

Google Search Web Search Web

Current Page: Threats Operator: admin App Score: 0 TPS: 0 Users: 0/12772 Time: 2:37 AM

Help About Preferences Logout

Dashboard Sessions Users Pages Threats

**covelight systems**  
Empowering Security Operations

Monitor Analyze Configure

**Threats**

Refresh Reset Filter

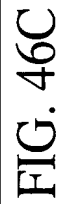
Threats Detector Summary Page Summary Client Summary Server Summary Date Summary

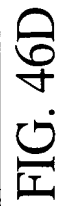
Export CSV Export XML

Detector	Threat Index	Threat Count	Total Threat Score
Too many individual page errors in interval	57%	36067	1442680
Session expired without logout	14%	772	7720
Application request rate too high	100%	2	140
Too many total page errors in interval	57%	2	80
Abnormal node error rate	14%	2	20
User login	0%	887	0

[http://192.168.55.171/page\\_events.do?cmd=page\\_threats\\_cardmanager-card-detector\\_tab](http://192.168.55.171/page_events.do?cmd=page_threats_cardmanager-card-detector_tab) Internet

FIG. 46B





4638

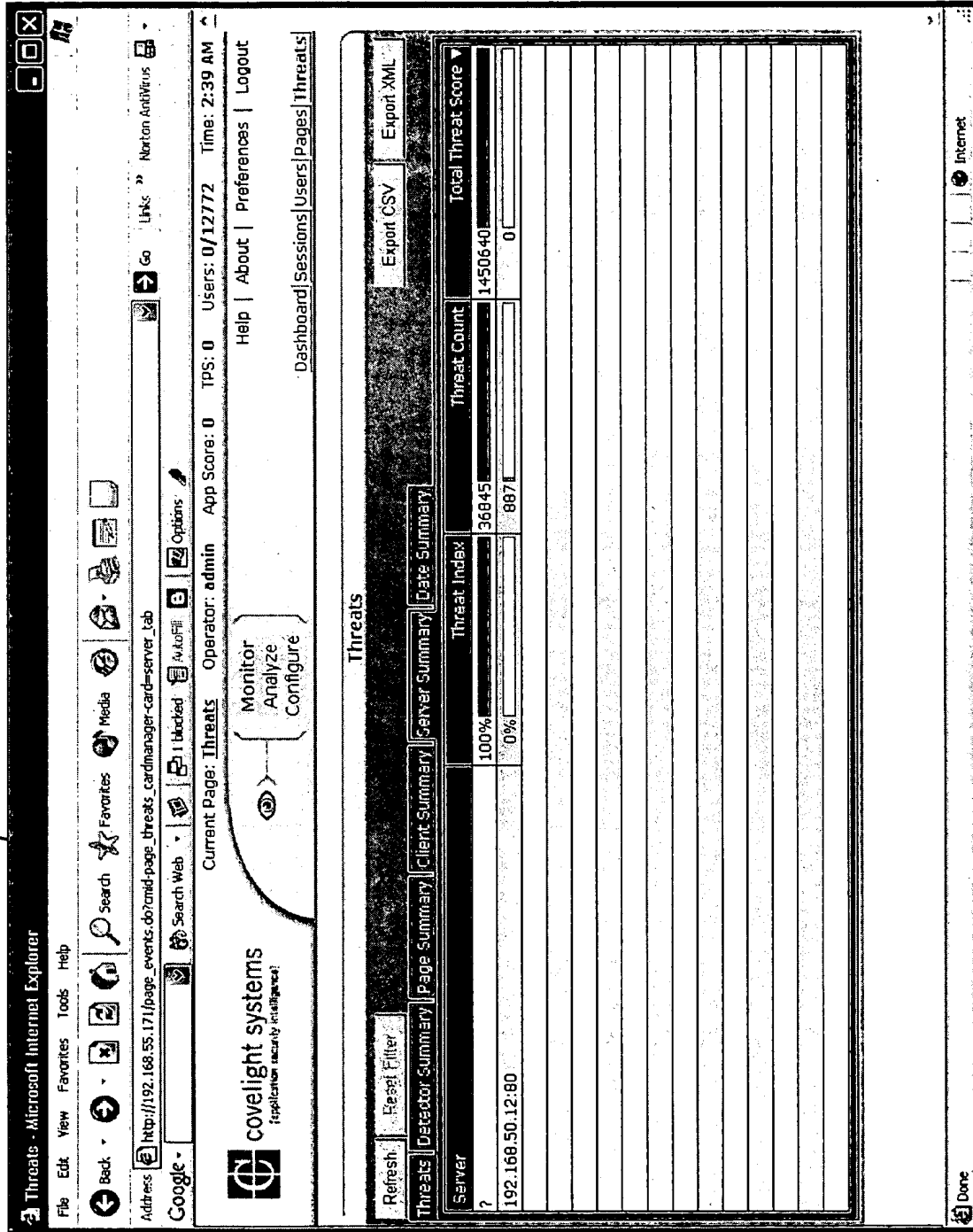


FIG. 46E

REPLACEMENT SHEET  
 Title: METHODS, SYSTEMS AND COMPUTER  
 PROGRAM PRODUCTS FOR MONITORING USER  
 LOGIN ACTIVITY FOR A SERVER APPLICATION  
 Applicant(s): Motsinger et al.  
 Atty. Docket No.: 1503/7

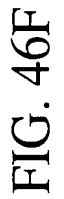




FIG. 47

4800

Transactions - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Search Favorites Media

Address: http://192.168.55.21/main.do?page=page\_bone

Current Page: Transactions Operator: virgilw App Score: 3 TPS: 0.2 Users: 20/31 Time: 11:00 AM

Help | About | Preferences | Logout

Transactions | Network

4822 4824 4826 4828 4830 4832 4834 4836 4838

Transactions

Refresh Reset Filter Export CSV Export XML

Showing 1 of 1000 (29023 Total Items)

Method	URI	User	Status	Content Length	Content Type	Threat Score	Timestamp	Response Time
GET	/	?	302	135	text/html	0	01/16/04 11:00 AM	6
GET	/images/addloc.gif	?	200	1864	image/gif	0	01/16/04 11:00 AM	2
GET	/images/additem.gif	?	200	1529	image/gif	0	01/16/04 11:00 AM	0
GET	/images/selectsum.gif	?	200	2079	image/gif	0	01/16/04 11:00 AM	0
GET	/images/rt_tabnotch.gif	?	200	49	image/gif	0	01/16/04 11:00 AM	0
GET	/images/lt_tabnotch.gif	?	200	48	image/gif	0	01/16/04 11:00 AM	0
GET	/images/s.gif	?	200	43	image/gif	0	01/16/04 11:00 AM	0
GET	/js/menu.js	?	200	897	application/x-javascript	0	01/16/04 11:00 AM	0
GET	/vbs/_utils.vbs	?	200	956	text/vbscript	0	01/16/04 11:00 AM	0
GET	/js/modal.js	?	200	421	application/x-javascript	0	01/16/04 11:00 AM	0
GET	/js/uti.js	?	200	5608	application/x-javascript	0	01/16/04 11:00 AM	3
GET	/js/_const.js	?	200	200	application/x-javascript	0	01/16/04 11:00 AM	0
GET	/include/builder_styles/_stylemain.css	?	200	12924	text/css	0	01/16/04 11:00 AM	0
GET	/budget/itemaddmod.asp	jon	200	5488	text/html	0	01/16/04 11:00 AM	199
GET	/budget/selectionDetail.asp	jon	200	10454	text/html	0	01/16/04 11:00 AM	2026

Internet

4804 4802 4806 4808 4810 4812 4814 4816 4818 4820

FIG. 48

4900

Transaction Detail - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Search Favorites Media

Address: http://192.168.55.211/page\_bons.do?rowlink=107426881090038488&tableIndex=188&table=page\_bons\_table

Go Links » Norton Antivirus

Users: 20/31 TPS: 0.1 App Score: 3 Operator: vlrqllw Time: 11:07 AM

Help About Preferences Logout

Transactions Network

Current Page: Transactions / Transaction Detail

Monitor Analyze Configure

covelight systems  
(412) 637-1000 or (602) 492-7763

### Transaction Detail

Transaction: 107426881090038488 <Previous 19/1000 Next>

Timestamp: 1/16/04 11:00 AM HTTP response: 302 (Search)

Method: POST (Search) Content Length: 175

URI: /budget/itemAddm od.asp (Search) Content Type: text/html (Search)

User: ? (Search) Server Response Time: 2.8 s

Client IP Address: 66.180.103.154 (Search) Server IP Address: 192.168.2.19:80 (Search)

Session ID: 1 (Search)

### Parameters

Name	Value
IngAttachmentsCount	0
chkInventory	0
IngEventId	
txtItemDesc	co #3
binNewItem	False
DeleteOneAttachment	
actionType	Save
strWebLink	
IngLocationId	650189281
IngOldProjectId	560003098
oldItemID	
itemID	501077459
txtItemInfo	
IngSelectionId	600062400

Done Internet

FIG. 49

5000

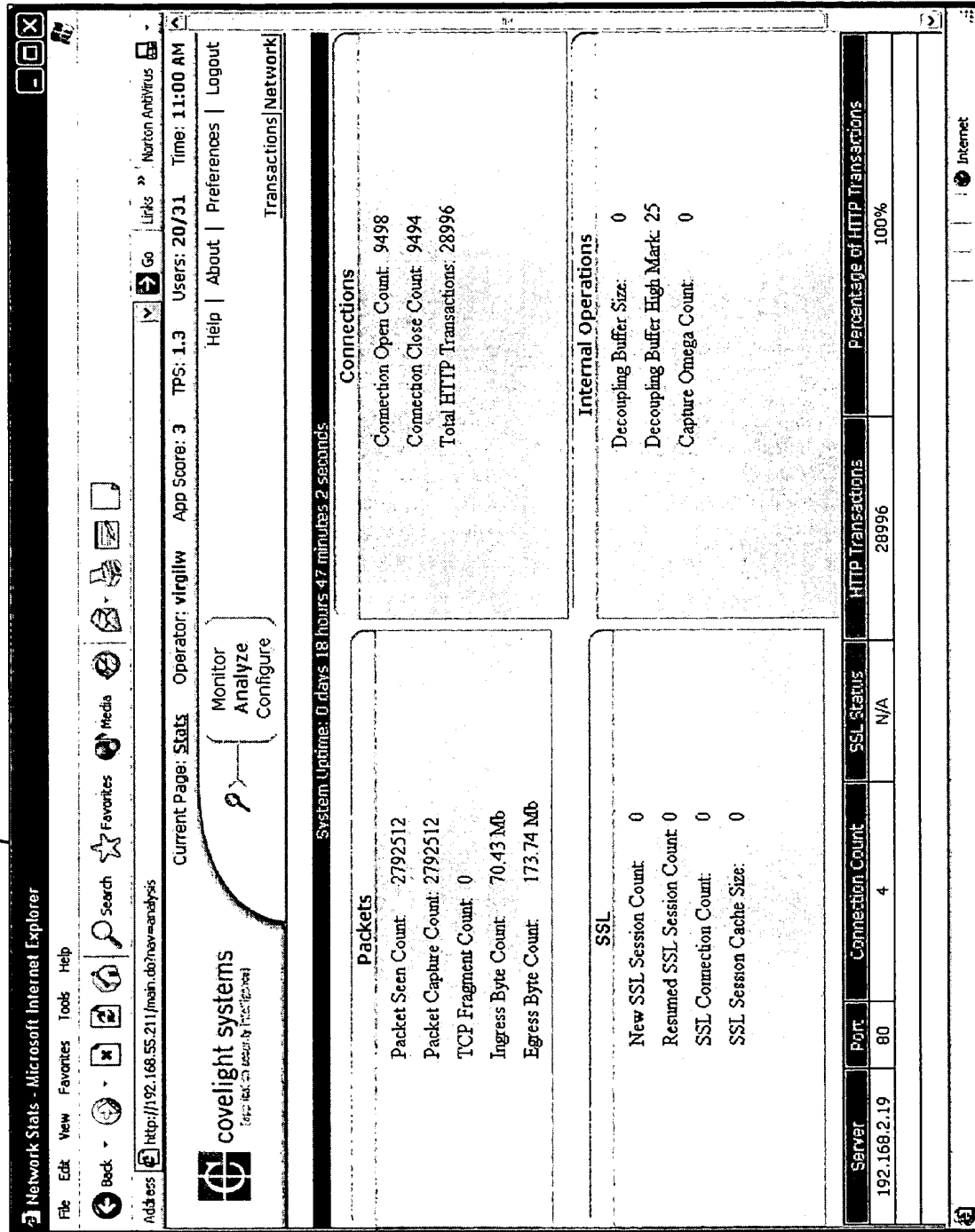


FIG. 50

5100

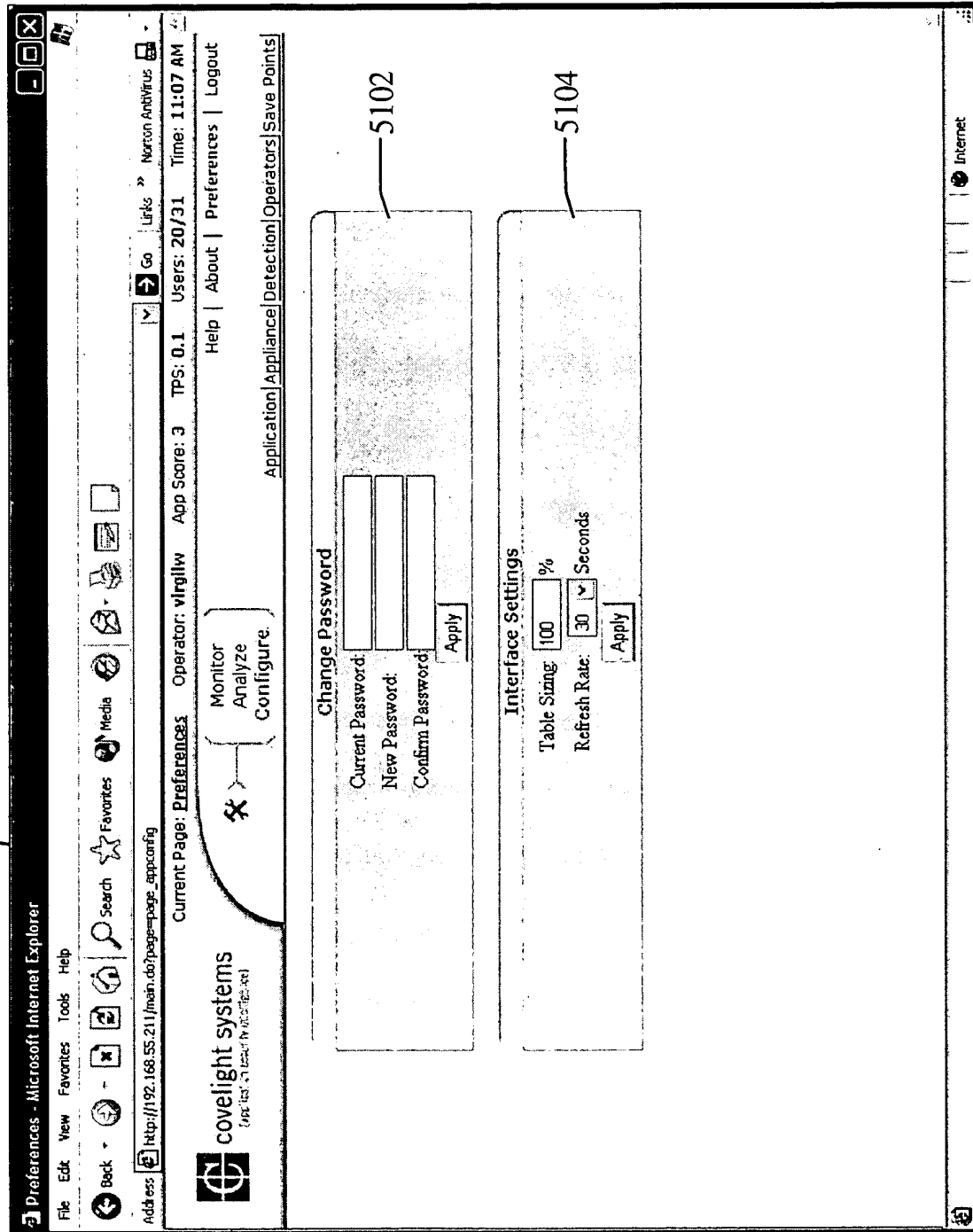


FIG. 51

5200

Appliance - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Search Favorites Media

Address [http://192.168.55.211/page\\_sensorcfg.do?cmd=page\\_cfg&appliance\\_cardmanager1-card=network\\_tab](http://192.168.55.211/page_sensorcfg.do?cmd=page_cfg&appliance_cardmanager1-card=network_tab)

Go Links » Norton AntiVirus

Current Page: Appliance Operator: virgilw App Score: 4 TPS: 0.3 Users: 20/31 Time: 11:10 AM

Help | About | Preferences | Logout

Application | Appliance | Detection | Operators | Save Points

**covelight systems**  
Secure Network Monitoring

Monitor  
 Analyze  
 Configure

Control | Network | Time | Firmware | SMTP Server

IP Address

Netmask

Gateway

Primary DNS  192  168  55  240

Secondary DNS

Enable ☒ HTTP Port  80

Enable ☒ HTTPS Port  443

Apply and Reboot Sensor

5202

Internet

FIG. 52

5300

Appliance - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Search Favorites Media

Address [http://192.168.55.211/page\\_sensorcfg.do?cmd=page\\_cfappliance\\_card=smtpserversettings\\_tab](http://192.168.55.211/page_sensorcfg.do?cmd=page_cfappliance_card=smtpserversettings_tab)

Go Users: 23/31 TPS: 1.7 App Score: 4 Operator: virgilw Time: 11:20 AM

Help About Preferences Logout

Application Appliance Detection Operators Save Points

Monitor Analyze Configure

covelight systems  
192.168.55.211

Control Network Time Firmware SMTP Server

SMTP Server mail.invalid.com

Username

Password

From Name Covelight Sensor

From Address anonymous@invalid.com

Enable Pop before send ☐

Apply

Internet

FIG. 53

5400

Appliance - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Search Favorites Media

Address: http://192.168.55.211/page\_sensorcfg.do?cmd=page\_cfpappliance\_cardmanager1-card-time\_tab

Go Links » Norton AntiVirus

Users: 20/31 Time: 11:11 AM

Help About Preferences Logout

Application Appliance Detection Operators Save Points

**covelight systems**  
(Information Security Intelligence)

Current Page: Appliance Operator: virgilw App Score: 4 TPS: 1.2

Monitor Analyze Configure

Control Network Time Firmware SMTP Server

Month/Day/Year Hours:Minutes Timezone

01 / 16 / 2004 11 : 11 AM Universal Time UCT

Set Time

5402

Internet

FIG. 54

5500

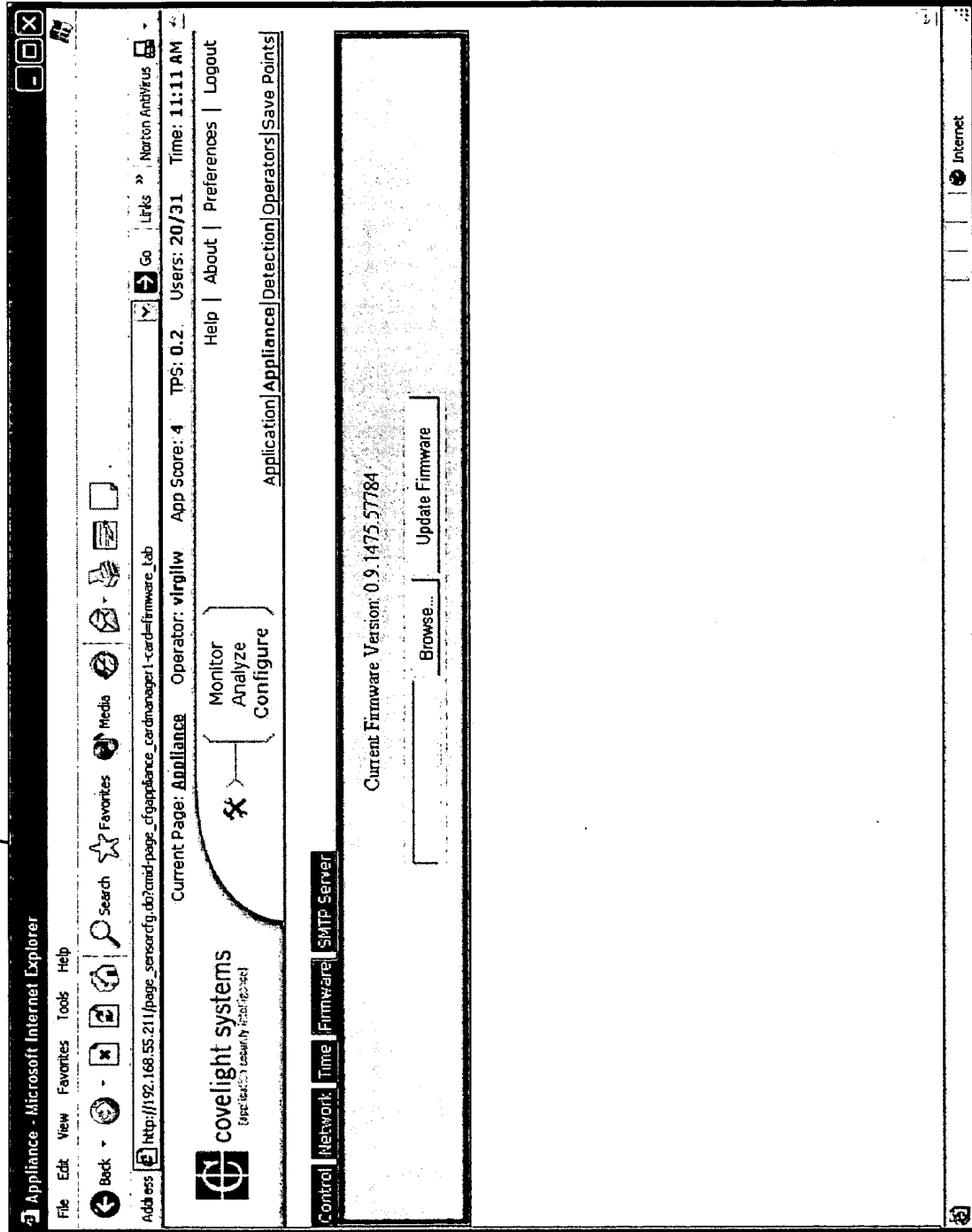


FIG. 55

5600

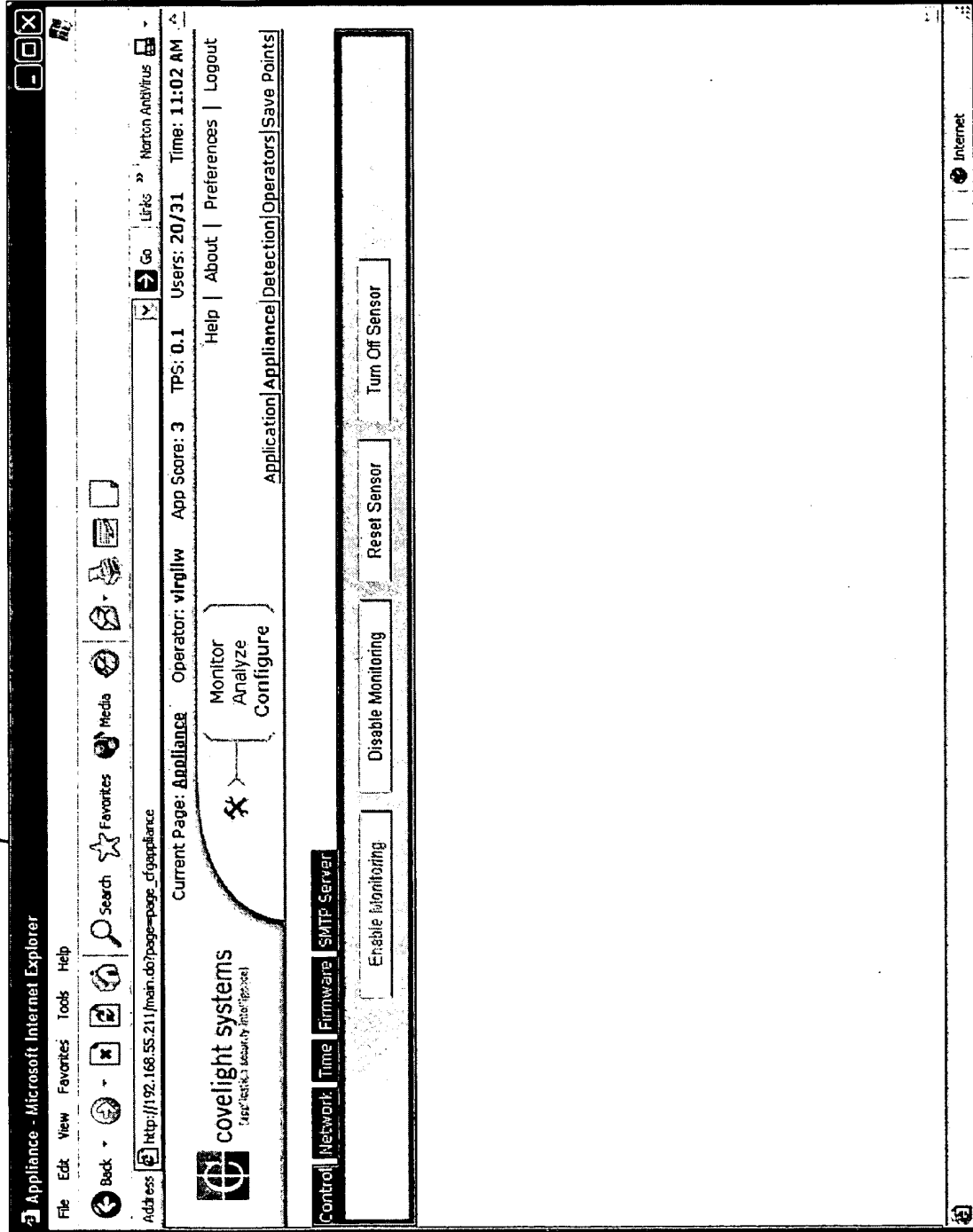


FIG. 56



5704

5706

FIG. 57

5800

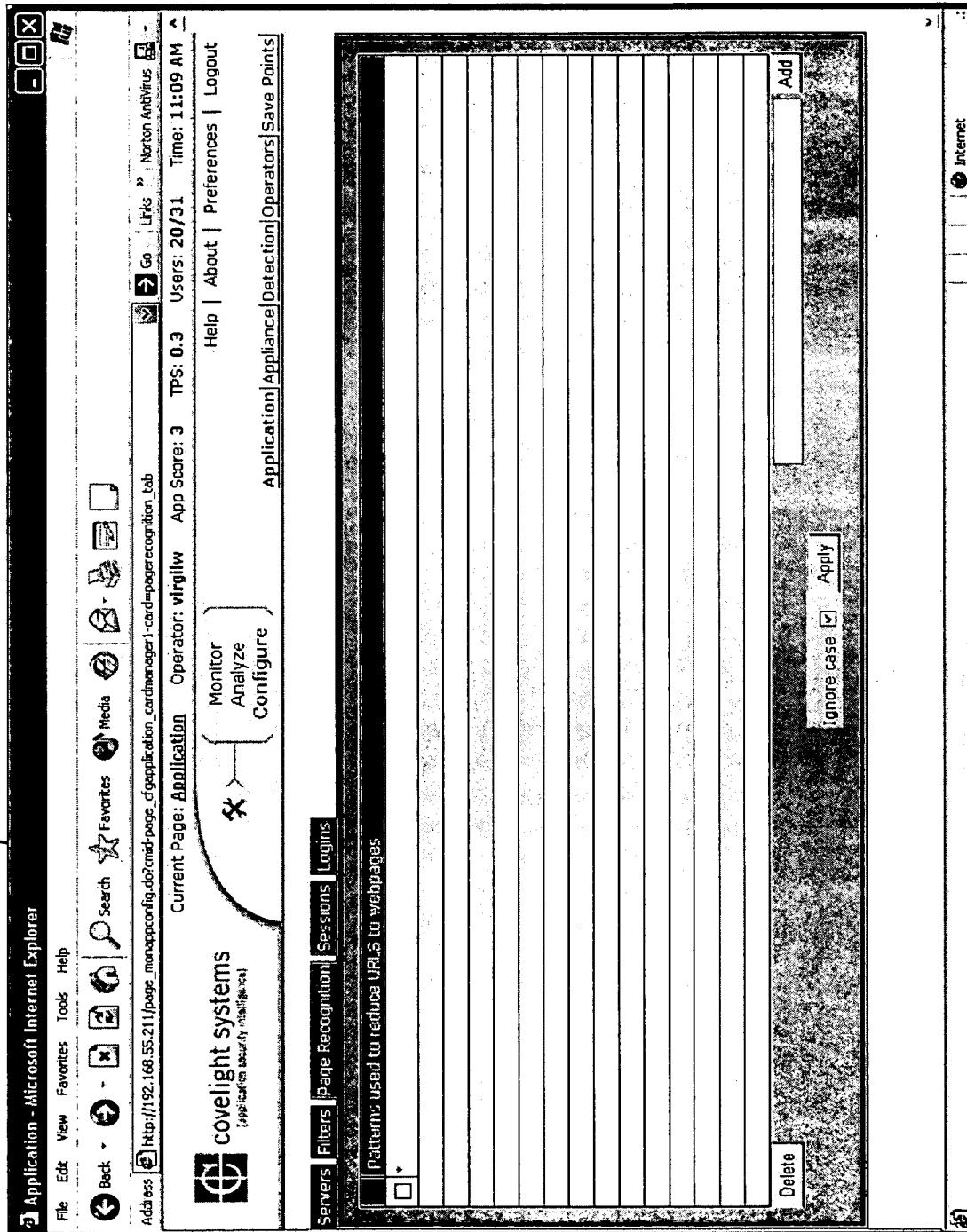


FIG. 58

5900

Application - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address http://192.168.55.211/page\_sessiondetection/g.do?cmd=page\_ofapplication\_card=sessions\_tab

Go Users: 20/31 Time: 11:09 AM

Links Norton AntiVirus

Current Page: Application Operator: virgilw App Score: 3 TPS: 0.2

Help About Preferences Logout

Application|Appliance|Detection|Operators|Save Points

Monitor Analyze Configure

covelight systems  
(Log Test, and Abuse, by Intelligence)

7002

Servers Filters Page Recognition Sessions Logins

Session Management

Application Server Features

Custom Settings

☐ Standard J2EE sessions

☐ Standard PHP sessions

☐ Standard ASP sessions

☒ Custom sessions

☐ Permissive sessions

☐ Strict sessions

Session timeout in minutes 125

☒ Ignore Case

☒ Sessions are cookie based

Session cookie name ASPSESSIONID

☒ Treat cookie name as a prefix

☐ Session ID may be encoded as a query argument in URLs

Name of query argument

☐ Session ID may be encoded as a path parameter in URLs

Name of path parameter

Internet

FIG. 59

6000

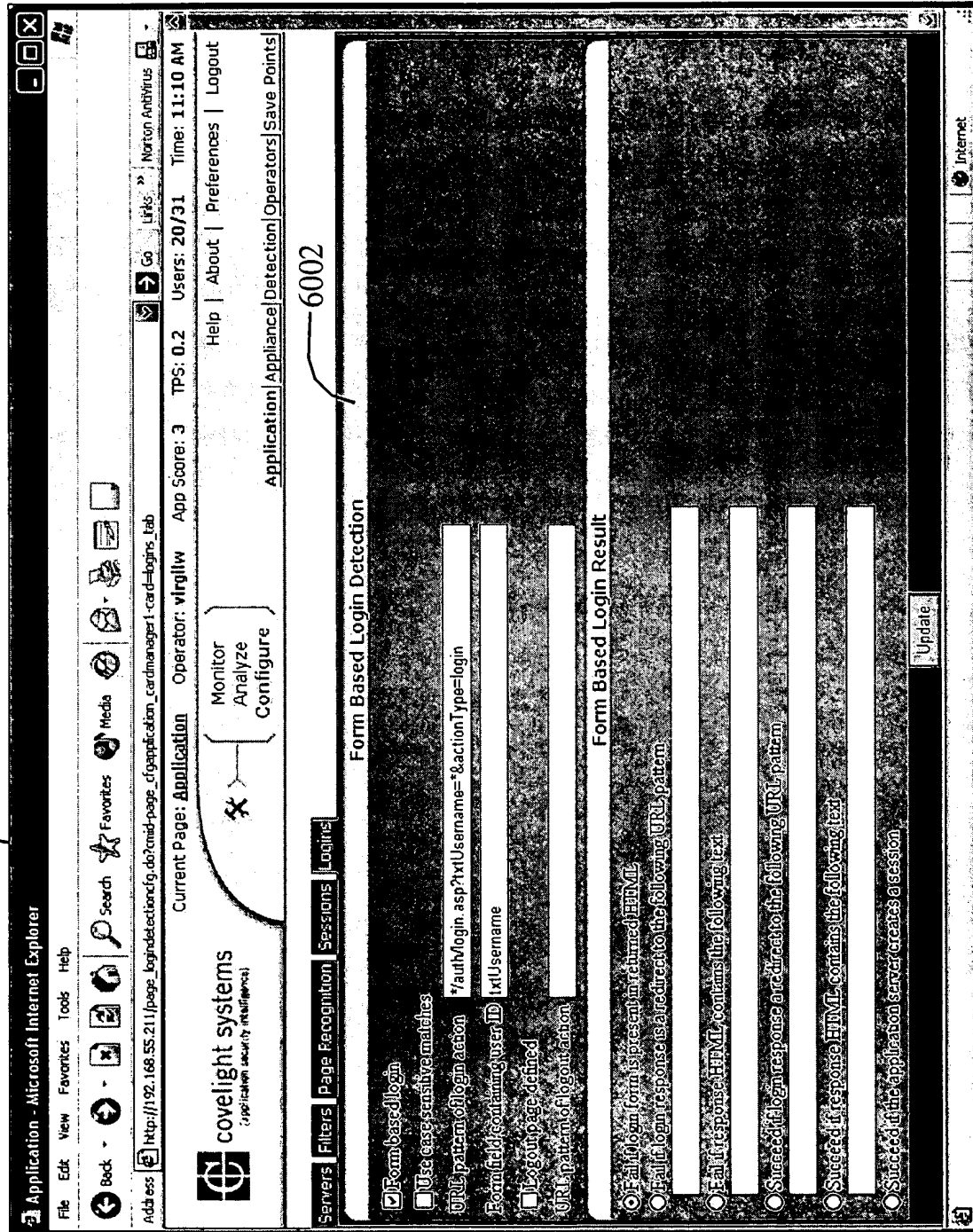


FIG. 60



FIG. 61





FIG. 63

6400

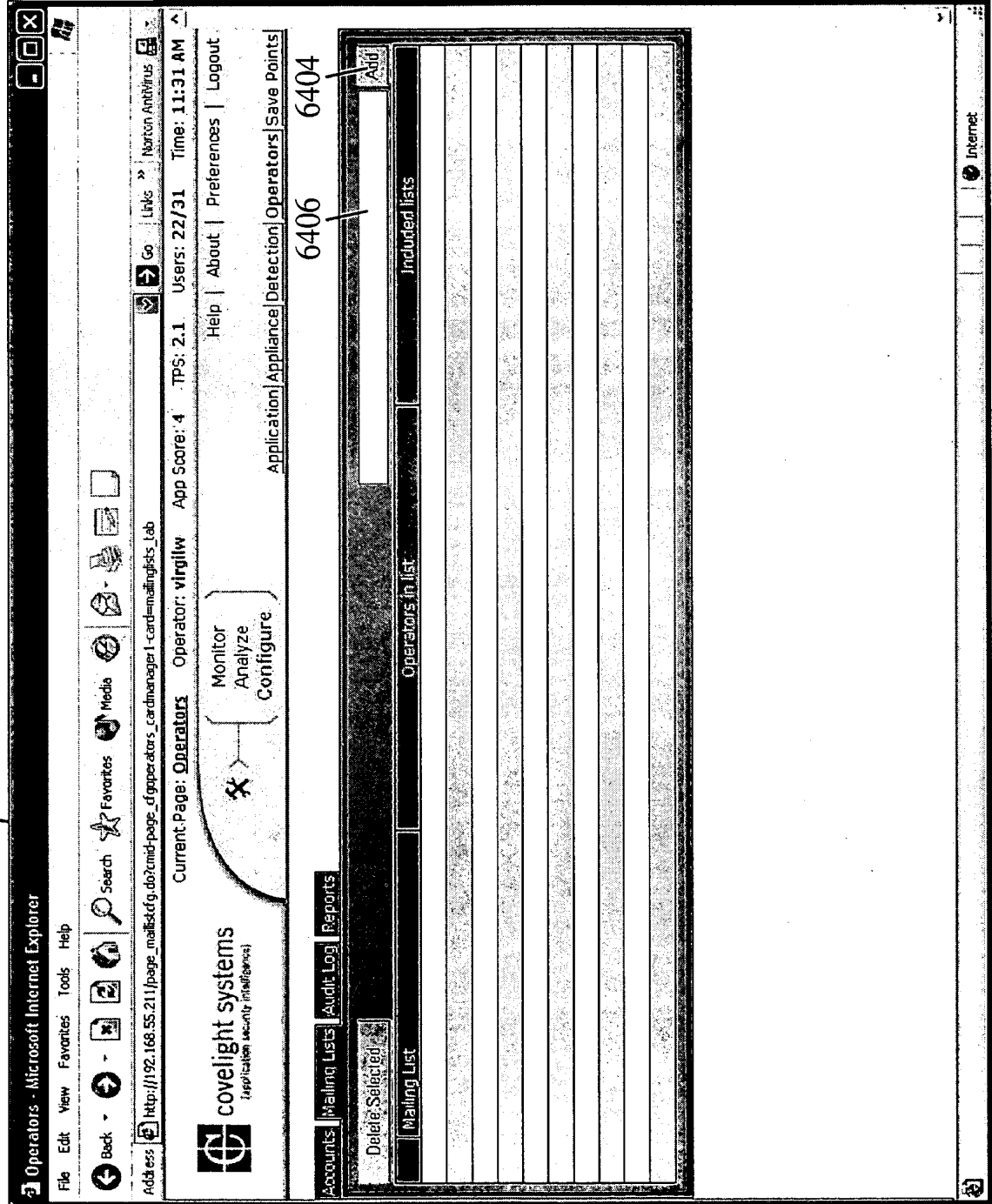


FIG. 64

6500

Operators - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Search Favorites Media

Address: http://192.168.55.211/page\_operators\_cfg.do?mid=page\_cfoperators\_cardmanager1-card=auditlog\_tab

Go Users: 2.9 TPS: 4 App Score: 4 Operator: virgilw App Score: 4 Time: 11:32 AM

Help About Preferences Logout

Application: [Appliance] [Detection] [Operators] [Save Points]

6512 6514

Export CSV Export XML

6508

6506

6504

6502

Refresh

Showing 1-18 of 24

Date	Message	IP Address	Operator
1/16/04 11:28 AM	Login successful	192.168.55.101	virgilw
1/16/04 10:57 AM	Login successful	192.168.55.101	virgilw
1/16/04 10:11 AM	Changed operator virgilw refresh rate to 30	192.168.55.17	virgilw
1/16/04 10:11 AM	Changed operator virgilw refresh rate to 30	192.168.55.17	virgilw
1/16/04 9:30 AM	Login successful	192.168.55.17	virgilw
1/16/04 9:27 AM	Login successful	65.81.86.237	dmdurrett
1/16/04 9:26 AM	Login successful	192.168.55.17	virgilw
1/16/04 8:47 AM	Login successful	65.81.86.237	dmdurrett
1/16/04 8:47 AM	Logout successful	65.81.86.237	dmdurrett
1/16/04 8:17 AM	Login successful	65.81.86.237	dmdurrett
1/16/04 7:37 AM	Login successful	65.81.86.237	dmdurrett
1/15/04 7:34 PM	Login successful	192.168.55.101	virgilw
1/15/04 7:34 PM	Login denied for admin	192.168.55.101	?
1/15/04 7:14 PM	Login successful	192.168.55.101	virgilw
1/15/04 6:34 PM	Login successful	192.168.55.10	dmdurrett
1/15/04 6:04 PM	Login successful	69.132.60.166	jhargett
1/15/04 5:46 PM	Login successful	65.81.86.237	admin
1/15/04 5:24 PM	Login successful	192.168.55.10	dmdurrett

Internet

FIG. 65

6600

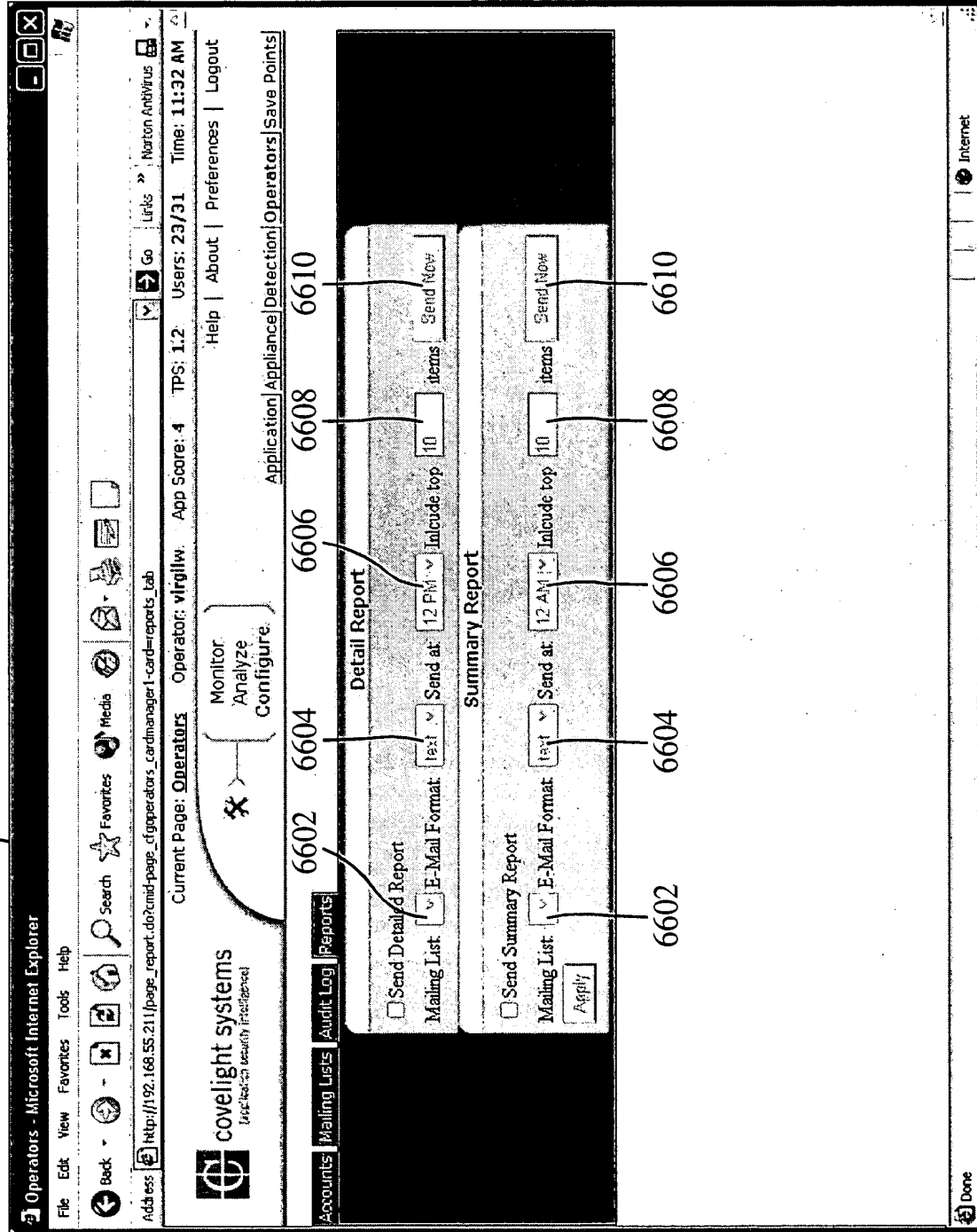


FIG. 66



FIG. 67

6800

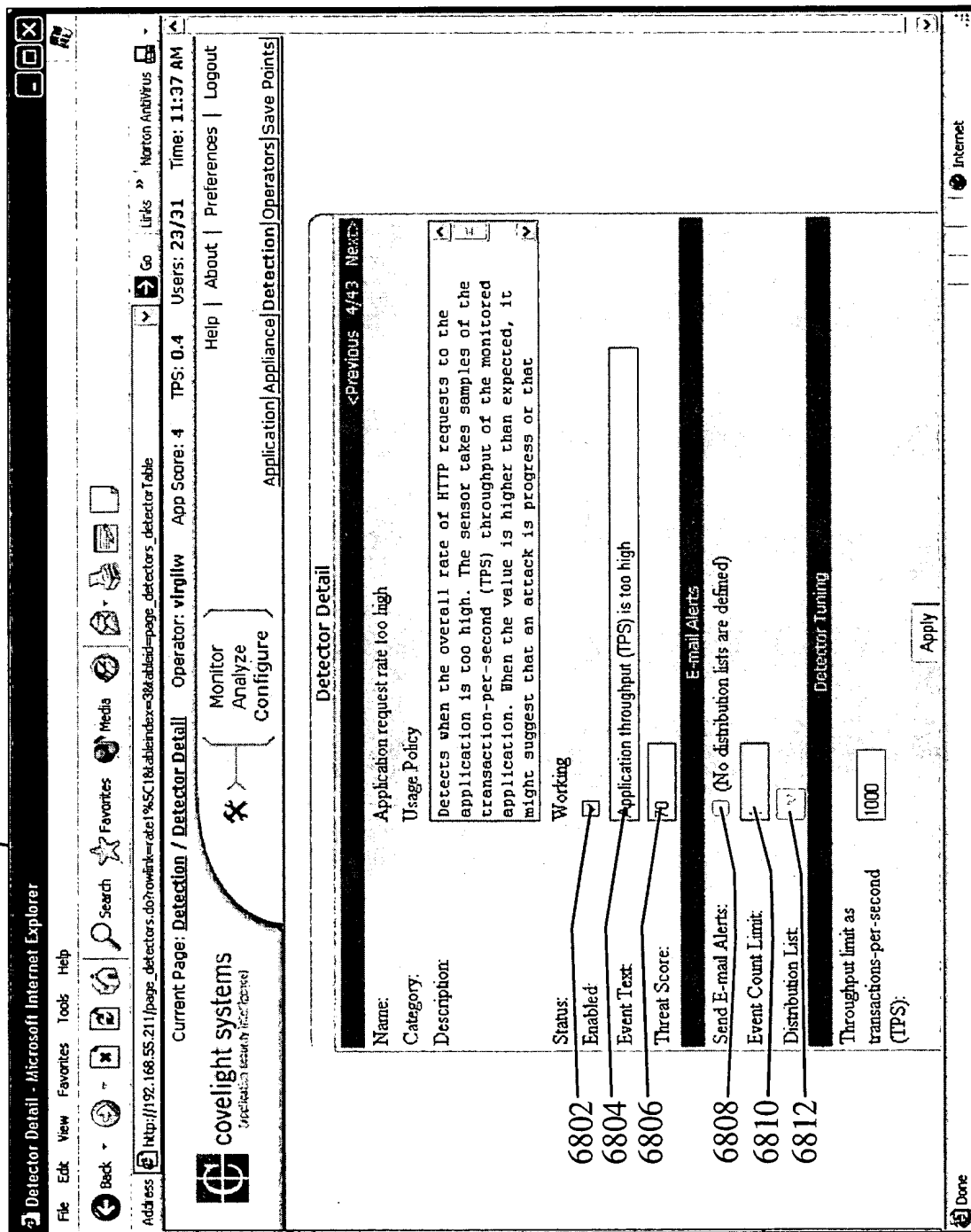


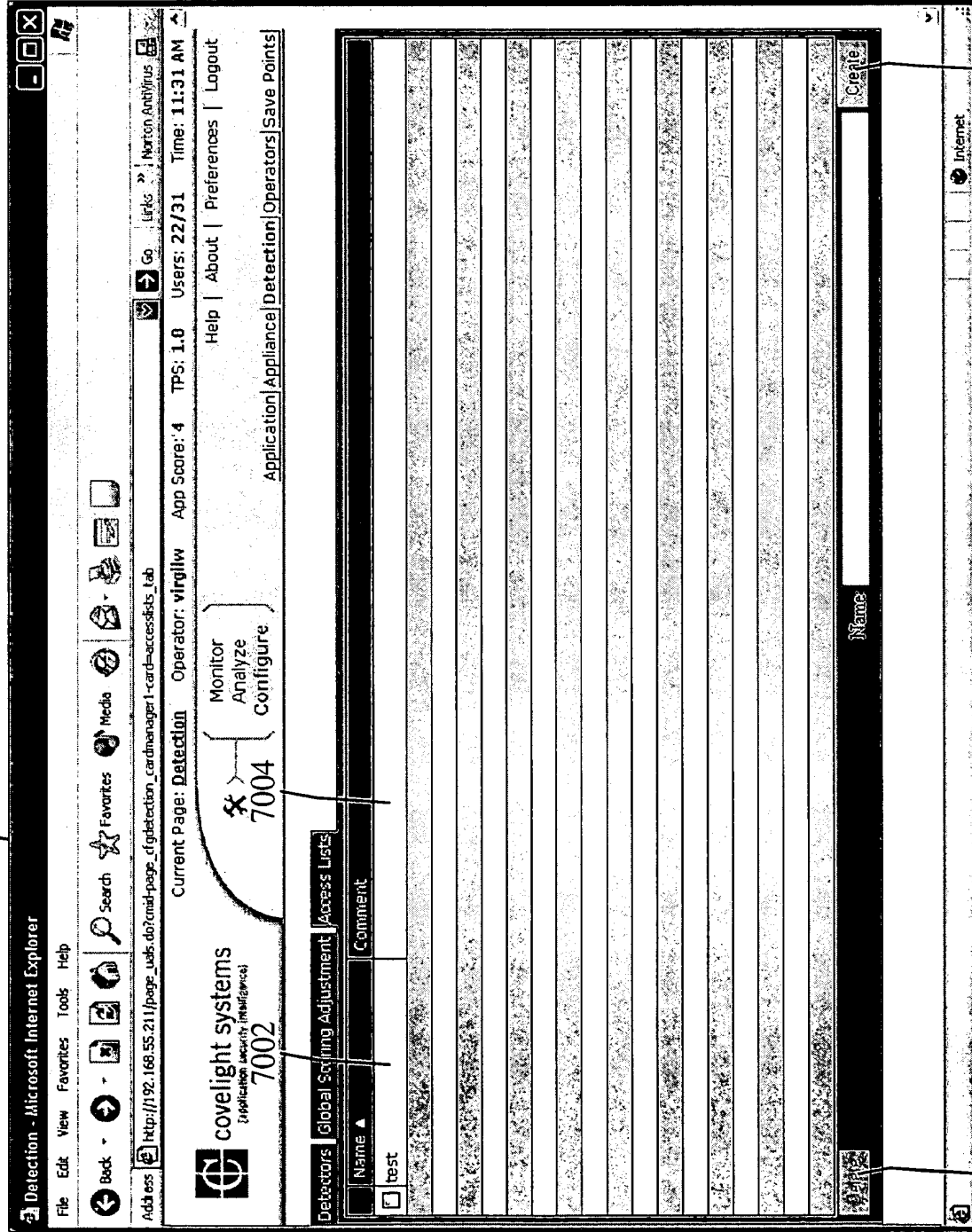
FIG. 68

## 6900

6914

FIG. 69

7000



7006

FIG. 70

7008

7100

Access List Detail - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Search Favorites Media Search Web Search Web AutoFill Options

Address http://192.168.55.171/detail\_usl.do

Google

Current Page: Detection / detail\_usl Operator: admin App Score: 0 TPS: 0 Users: 0/12772 Time: 2:40 AM

Help About Preferences Logout

Application Appliance Detection Operators Save Points

covelight systems  
 (Application Security Intelligence)

Monitor Analyze Configure

Access List Detail

test 7112 7116

Comments

Users

test

7102

7114

7110

7104

7120

7118

7108

IP Address Patterns

IP Address Pattern

192.168.55.\*

7124

7126

Abnormal node error rate

Disable all except the chosen detectors

7122 7128 7132

7138 7140

7134 7136 7130

FIG. 71